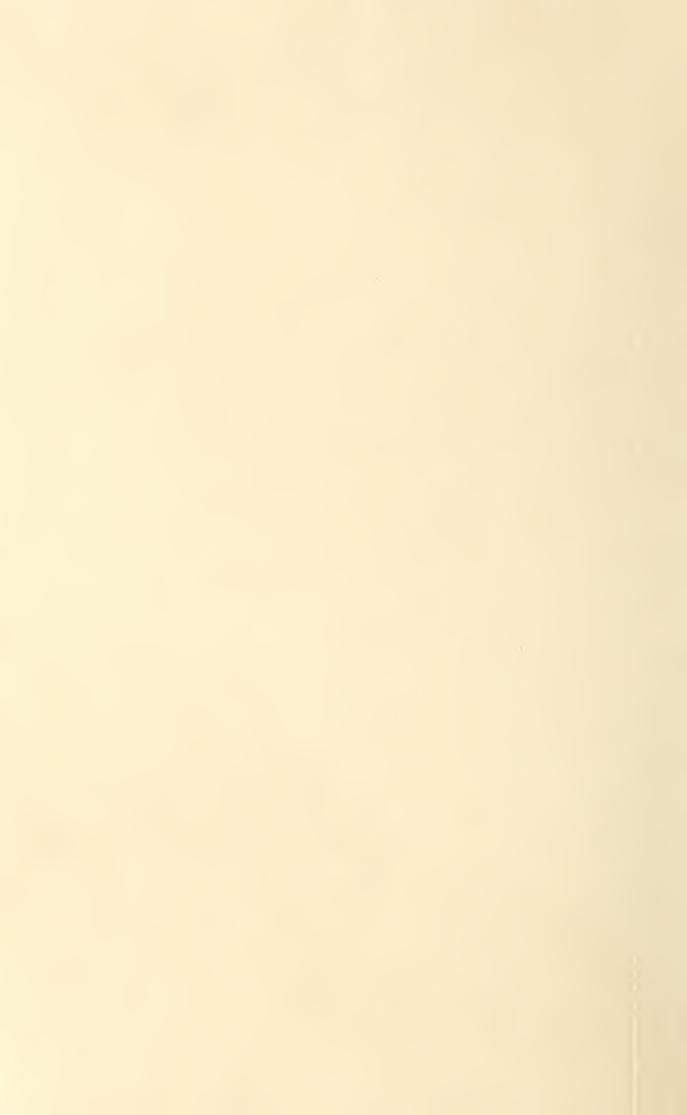
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# UNITED STATES DEPARTMENT OF AGRICULTURE. SOIL CONSERVATION SERVICE WASHINGTON, D. C.

# PRECIPITATION IN THE MUSKINGUM RIVER BASIN

JUNE, 1941

By

Climatic and Physiographic Division Soil Conservation Service

Office of Research
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MUSKINGUM CLIMATIC RESEARCH CENTER

• New Philadelphia, Ohio

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WORK PROJECTS ADMINISTRATION in OHIO
O.P 165-2-42-180

NATIONAL YOUTH ADMINISTRATION for OHIO

OHIO AGRICULTURAL EXPERIMENT STATION

OHIO DEPARTMENT of HIGHWAYS

MUSKINGUM WATERSHED CONSERVANCY DISTRICT

TUSCARAWAS COUNTY

#### Tabulation of

## PRECIPITATION on the MUSKINGUM RIVER WATERSHED, OHIO by DAYS and HOURS

Stations for which records are tabulated are listed on pages 2 and 3 and their locations are shown on the map, page 4. Tabulations are made only for days having measurable precipitation and only for those stations at which precipitation was recorded. Blank columns are provided on the hourly tabulation sheets for insertion of six-hour and twelve-hour values.

#### LEGEND

Station number. Figure before the hyphen indicates county in

asterisk (\*) preceding figure indicates amount shown is total ac-

No record available. Symbol appears on daily tabulation sheet in the column for day where record is missing. No symbol is used unless surrounding stations indicate occurence of precipitation.

**STATIONS** 

10-21

NR

	which station is located and on the map appears once in large characters in each county. Figure after the hyphen indicates location of station within the county and appears on the map adjacent to the dot designating the station site.
10-21b	Small letter following station number indicates that number was formerly used for another nearby station location.
MC-2	Capital letters preceding station number indicate station is in a special study area. MC, for example, designates Mill Creek area.
PRECIPITATION	
.03	Precipitation of three-hundredths of an inch. Values are recorded to nearest hundredth of an inch.
+	Station installed. Symbol appears an daily tabulation sheet in the column for day of installation.
<b>≠</b>	Station discontinued. Symbol appears on daily tabulation sheet in the column for day of discontinuance.
**	Time of precipitation unknown. Asterisk (*) appears in spaces for first and last hours of period of unknown distribution; dashes (—) appear in spaces for intervening hours. Whenever period of unknown distribution extends for two or more successive days, an

cumulated during the period.

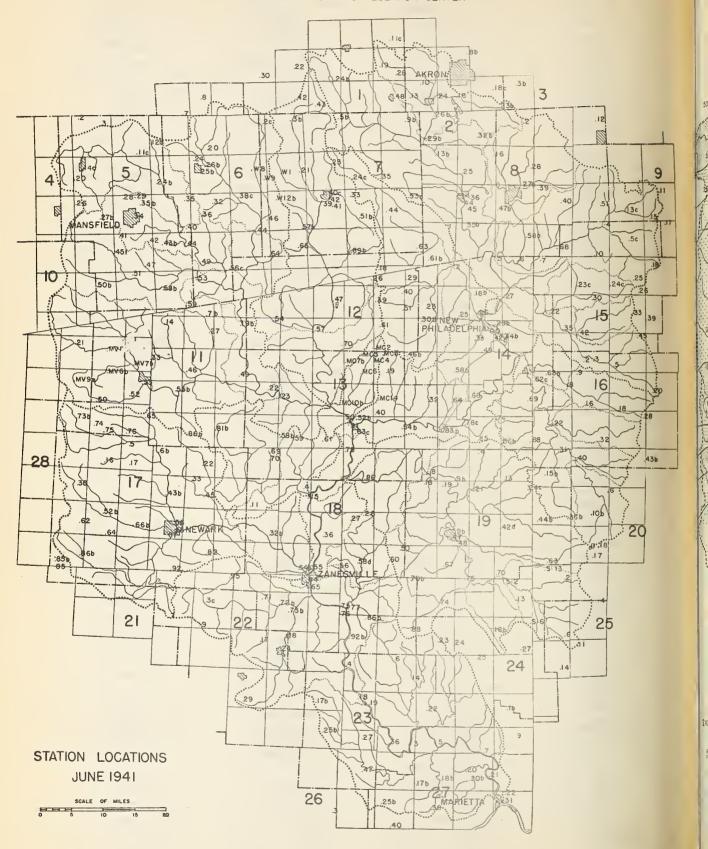
Stotion List

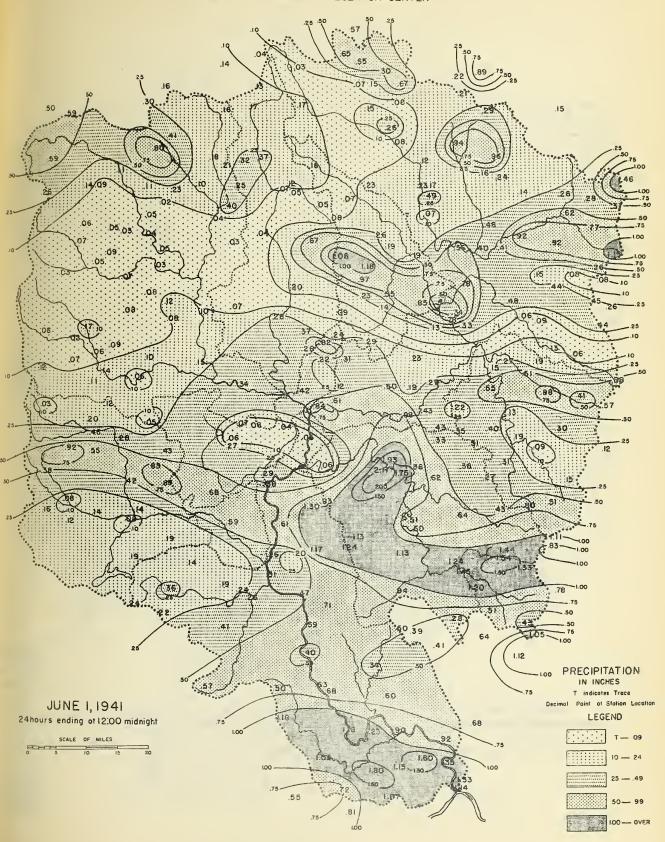
	MEDINA CO., NO.1	А	SHLANO CO., NO.6 (Contd)	5	STARK CO., NO.8 (Confd)		HOLMES CO., NO.12 (Confd)
t-11¢	C. R. Tawsler R. F. D. 2 Medina	6-25b	W. D. Cummings Ashland	8-34	Hamer R. Snyder Mossillan	12-47	Oscar Milter Millersburg
1-19	June Duff R. F. D. I Medina	6-32	H. E. Gaard R. F. D. 2 Ashland	8-36	Thamas Yaung Massillan	12-51	Dan Hershberger Walnut Greek
1-22	Lloyd Glinesmith R. F. D. S Medina	6-35	Howard C. Seiss R. F. D. I Ashland	8-39	Ira M. Garen R. F. D. 4 Cantan	12-54	Poul Alexander Glenmant
i-24b	Mrs. Katherin Ritter R. F. D. I Chippewo Lake	6-36	Lewis D. Beck R. F. D. I Loudonville	8-40	5. J. Dewalt R. F. D. I East Cantan	12-57	A. L. Aldermen Killbuck
1-28	Garal Everhard R. F. D. 2 Wadswarth	6-38c	Walter D. Bowie Jeramesville	8-45	R. F. Snyder Massillon	12-61	William Kaser R. F. D. 4 Millersburg
1-30	Ray Stroup Spencer	6-40	Eliswarth Secrest R. F. D. Lucos	8-51	Catherine Hoger	12-70	Albert Wagers R. F. D. 3 Millersburg
1-42	Arthur Unangst Ladi	6-44	Arthur McKinley R. F. D. 2 Lakeville	8-55b	Worren Hallinger Navarre		COSHOCTON CO., NO.13
1-43	Harvey L. Allen R. F. D. 2 Seville	6-49	Mrs. Mary Easterdoy Perrysville	8- <b>5</b> 8b	Charles C. Haman	13-19	Rass M. Ames R. F D. 4 Fresna
1-48	Howard Randall Wadswarth	6-53	L. A. McBride R. F. D. Perrysville	8-616		13-22	Etfie R. Frye R. F. D. 2 Walhanding
	SUMMIT CO., NO. 2	6-S6¢	George A. Bunting Loudanville	8-68	Bessie Williams Waynesburg	13-23	William R. McClain R. F. D. 2 Walhanding
2-10	Rabert Stump R. F. D. 1 Barbertan		MUOOY FORK AREA		COLUMBIANA CO, NO.9	1 3-32	Howard Hothern R. F. D. t Newcamerstown
2-13	E. J. Fitzpatrick Cuyahoga Falls	W-1	ł. D. Swansan R. F. D. S Waaster	9-11	William D. King Hanayerton	13-40	8. D. Stingel R. F. D. 3 Cashocton
2-16	Theodore Ley R. F. D. S. Akron	W-8	Fay Campbell R. F. D. 2 Jeramesville	9-13c	William D. King Hanoverton	13-51	G. J. Williams Coshocton
2-18c	George Staffee Etlet	W-9	W. L. Purdy R. F. D. 5 Waaster	9-15	Jaseph Bolen Kensington	13-52ь	Andrew Bachman R. F. D. 3 Cashacton
2-23b	E. J. Fitzpatrick Cuyohaga Fatts	W-12b	Jahn Arnold R. F. D. S Waaster	9 -1 7	L. H. Capeland Honovertan	13-54ь	Ronald Phillips R. F. D. 1 West Lafayette
2 -24	Lea Clauss Barbertan	W-13	Fay Campbell R. F. D. 2 Jeromesville		MORROW CO., NO.10	I 3-S86	F. H. Dixan Tunnel Hill
2-26b	Charles Pettit Barberton		WAYNE CO., NO.7	10-21	John W. Bolen Chesterville	13-59	Narman E. Gamp Tunnel Hill
2-29b	Charles R. Herman Clintan	7-2c	G. O. Berkebile West Salem	GR	ANNY 8 DRY CREEKS AREA	13-61	Fred Veigel R. F. D. 1 Cashactan
2-32b	John King R. F. D. 6 North Canton	7-3b	Milton E. Miller R. F. D. 2 West Salem	MV-6b	C. F. Baldwin R. F. D. 2 Mt. Vernan	13-63¢	O. W. West Coshoctan
	PORTAGE CO., NO. 3	7-Sb	Warren Knepp Creston	MV-7b	Charles H Cassell R, F. D. 2 Mt. Vernon	13-69	Frank Pigman R. F. D. Tunnet Hitt
3-3b	Glenn H. Minnich Magadare	7-9b	James Bachman Dayistawn	MV-8b	Harald E. Debalt R. F. D. 2 Frederickstown	13-70	Lowrence R. Anderson Frazeysburg
	RICHLAND CC., NO.5	7-21	Glenn B. Harman R. F. D. 6 Wooster	MV-9e	John A. Butler Sparte	13-75	J. H. Randles Gashactan
5-2	Fred E. Past Plymouth	7-23	Carl O. McClintack R. F. D. 2 Waaster		KNOX CO., NO.11	13-86	Albert T. Kieran R. F. D. 2 Cashactan
5-3	Ira E. Backensto Shiloh	7-24c	Paul J. Hartzler Weilersville	l I-7b	Harry B. Peoler R. F. D. 2 Donville		MILL CREEK AREA
5-11c	Haward Oswalf R. F. D. 2 Shilah	7-33	William Critchfield Waaster	11-14	. W Poge . K. F. D. Butler	M C-2	Sam Brenly R. F. D. I Baltic
5-12b	H. W. Warkman R. F. D. 2 Greenwich	7-35	Russell Malcuit Drzville	11-196	Albert C. McClurg Greer	MC-3	Arthur Michel R. F. D Millersburg
5-I4c	Clyde Caaper Shelby	7-39	Elmer Caak Wooster	11-211	D. W. Gaadell Frederickstawn	M C-4	Word Arnotd R. F. D. I. Baltic
5-24b	W. N. Graff R. F. D. 2. Mansfield	7- 40c	Walter H. Melzier Waaster	11-27	Merrill Hochslettler R. F. D. 2 Danville	M C-S	G. A. Welling R. F. D. 3 Fresna
5-26	Robert Walker Crestline	7-41	J. T. McClure Waaster	11-33	Harold Davis R. F. D. 2 Mt Vernan	M C-6	Dole Parkhill R. F. D. 2 Fresna
5-27b	Paul Gages R. F. D. 3 Monsfield	7-42	James Dilucca Woaster	11-46b	Herbert Bailey R. F. D. I Haward	M G-7b	Elmor Miley R. F. D. 3 Millersburg
5-28	Mrs. Fred Wagner R. F. D. 3 Mansfield	7-44	Menna Gerber R. F. D. 2 Orrville	11-49	Wilmont Cline R. F. D. 2 Danville	MC-10b	Hervert Wheatcraft R. F. D. 3 Coshoctan
5-29	J. R. Harrington Mansfield	7-46	Mrs. Clair Heffelfinger R. F. D. I Waaster	11-50	A. G. Cramer Mt. Liberty	M C-13	R. E. McConnelt R. F. D. 2 Fresno
5-34	J. W. McMillen Mansfield	7-51b	Danald R. Wilson Applecreek	11-52	A. G. Cramer Mt. Vernan	M C-14	Stanley Sheneman R. F. D. 2 Fresno
5-41	Rass Finney R. F. D. 5 Mansfield	7-53c	Paul Dadez Daltan	I 1-S3	D. D. Edgar Mt. Vernan		TUSCARAWAS CO., NO.14
5-42	N. E. 5mith R. F. D. 5 Mansfield		Culver E. Sidle R. F. D. 2 5hreve	I I-5Sb	William Huffman Gambier	14-00	M. C. R. C. Office New Philodelphia
5-436	Harvey Steworf Lucas	7-61	Wayne Welty R. F. D. 2 Applecreek	11-65	Myrtle M. Lahman R. F. D. 4 Mt. Vernan	14-2	R. J. Wolfe Beach City +
5-44	Ohla Public Service Lucos		Emil Panasette R. F. D. 2 Beoch City	11-73b	E. F. Haaver Centerburg	14-S	George W. Worner Boliver
5-451	G. W. Sawere Lesington		A. A. Bruce Big Prairie	11-74	L. R. Marey R. F. D. 2 Centerburg	1 4-6	E. E. Lenhart Sandyville
5-47	Walter Lang R. F. D. 5 Mansfield		D. H. Martin Shreve	11-75	Charles Bird R. F. D. 2 Centerburg	14-186	William Cate New Philodelphia
5-50b	Decor Porsons Bellville	7-69b	Jean Dbar Fredericksburg		Elma J. Hunter R. F. D. 4 Mt. Vernon	14-22	Fronk Hamittan R. F. D. I Minerat City
5-51	Irvin Hope Beliville		STARK CO., NO.8		Dwight Jewett Bladensburg	14-23	Henry H. Renner Shanesvitle
5-58b	Earle E Heiminger Butler	8-2	Willis L. McKinney Hartville	I I-86b	Clyde Burger Martinsburg	14-25	Fred Smith R. F. D. I Dover
5-59	Wayne B. Hollar R. F. D. 2 Bufter		Danald Heffelfinger Atliance		HOLMES CO., NO.12	14-26	Vardy Seymare Daver
	ASHLAND CO., NO.6		T. W. Janas Ganal Fultan	12-18	Jocab 5 Miller R. F. D. Frederickstown	14-27	Harry V Haver R. F. D. Dover
6-7	Robert Landis R. F. D. I Nova		Fred H 5mith North Canton	12-26	C. 5. Miller R. F. D. 5 Millersburg	14-286	Eugene Reiser New Philadelphia D. A Klar
6-8	Charles Newcomer R. F. D. † Nava		Joseph H Brond R. F. D.   Canal Fulton	12-29	Howard E. Shaup Winesburg	14-30b	5honesville Raymand Zurcher
6-20	Ed Rawland Nonkin		J. B. Yaung Canton	12-39	Stanley L. Miller Berlin		R. F. D. 2 New Philadelphia  Bert Francis
6-24	Herbert L. Smith Ashland	8-28	Harry Renkert R. F. D. 3 Cantan	12-40	W. A. Engle Millersburg	1 7-540	New Philadelphia

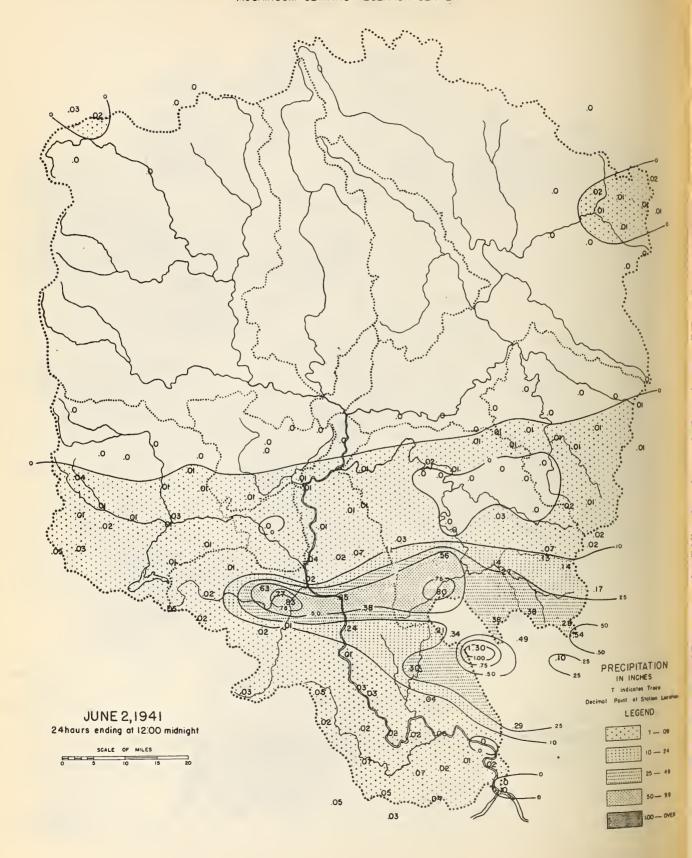
Station List

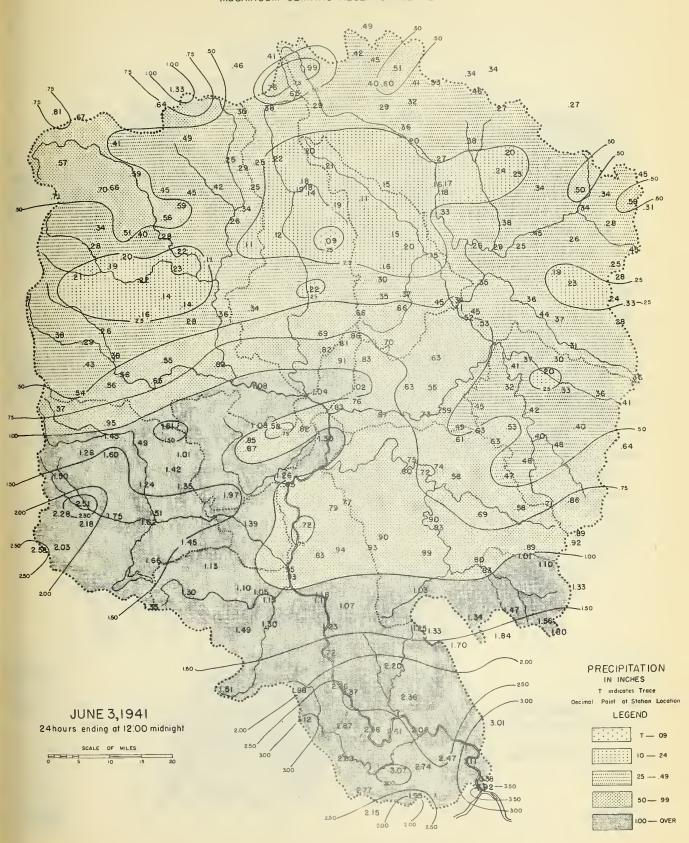
				Station 1	List			
	TI	USCARAWAS CO., NO.14 (Contil)		LICKING CO., NO. 17 (Canth)	GI	UERNSEY CO., NO.19 (Contd)		MONROE CO., NO.25
1 4-	46 b	Edgor G. Shumoker Boltic	17-17	Harry Keckly Utica	19-18	John Duhomel R. F. D. I Birds Run	25-4	V. R. Adoir Woodsfield
14-	49	Miss Erma Marie Bell	17-22	Everett Priest	19-19	Emmet White	25-6	Jomes O. Zwick
	58b	R F D. 2 New Philodelphio  J. F Zimmerman	17-33	R. F. D. 1 5t Louisville W M Stickle	19-21	R. F. D. I Kimbolton A. W Marling	25-11	R. F. D. 1 Lewisville  Joseph M. Denbow
14-3	300	Peoli		R F.D 5t Louisville		Kimbolton		Lewisville
14-1	62c	John M Romig Urichsville	17-38	I. R. Hill Johnstown	19-240	Ira George Antrim	25-14	Horry R. McConnell Stofford
14-	63b	John Wright R. F.D. I Uhrichsville	17-43	Charles Snyder Venatta	19-366	Jomes Gracey Fairview		SENECA FORK AREA
14-	64	J. F. Zimmermon	17-45	Fronk Dovis	19-396	Goil Abbott	5-2	E. B. Rondies
14-6	66	Peoli George Toylor	17-52	R F. D. I Nework  Ervin W Huffman	19-420	Cambridge J Joseph J. Boker	5-6	Senecaville W. 8 Spence
		Newcamerstown		Alexondrio		Old Washington		Summerfield
14-	69	Harry M. Mellar R. F. D. 2 Uhrichsville	17-56	Horold F. Wilson Newark	19-440	W. M. Vonfassen R. F. D. 2 Quoker City	5-13	Jomes H. Low R. F. D. I Quoker City
14-	74	Thomas Orr Gilmore	17-62	Frank Whiteheod R. F. D. 1. Potoskalo	19-48	L. W. Harding Combridge		ATHENS CO., NO.26
14-	7 <b>8</b> c	Donald A Corruthers	17-64	Claude Elder	19-63	Forest Hoyes	26-3	Elza Linscott Amesville
14-	-83b	R F.D. I Newcomerstown Stewart Hallis	17-661	Alexondria Do Joe 5. Rodes	19-67			
14-	.05	Newcomerstown George Taylor	17-67	Granville L. 8 Halton	19-70	R. F. D. 2 Cambridge  I. A Lefever	27-Ib	WASHINGTON CO., NO.27 F. E. Warren
		Newcamerstown		Nework		Senecoville		Elbo
14-	86ь	John F. Zimmermon Peoli	17-82	Horry F. Porr Nework	19-74	H. A Koontz Cumberland	27-3	L. L. Rabinson Waterford
14-	-88	Paul J. Jocoby R. F. D. 2 Tippeconce	17-85	C. N Jones Summit Station	19-75	Fronk Deeren R. F. D. I Byesville	27-5	A P Stutes Beverly
			17-866	Murroy N Johnson			27-7	Albra King
15-	4	CARROLL CO., NO.15 Horry K. George	17-92	Potoskolo W L 8010	20-6	BELMONT CO., NO. 20 Lurwood Bethel	27-9	Charles Reiter
		Minervo		Hebron		Flushing		Lower Solem
15-	5c	K O Monfull Mechanicstown	17-95	R M Homilton R. F. D.   Glenford	20-10ь	Lester R Newhort Hendrysburgh	27-17b	H. D. Knox R. F. D. 3 Stackport
15-	7	Korl Wonner Magnatio		MUSKINGUM CO., NO.18	20-17	W. M. Price Bornesville	27-18b	Emmet 5. Fisher Watertown
15-1	10	Wilden Armstrong	18-4	Stonley Mohon	20-18	Bryon C. Thomos	27-20	J. E. Long
15-1	18	Kibbitts L. Hosock	18-11	Trinwoy  A M. Hessin		Bornesville	27-21	R. F. D. I Waterford Don C Savage
		Mechanicstown		Block Run		PERRY CO., NO.22		Morietto
		R F D. I Dellroy	18-13	G. E. Redmon Dresden	22-30	M H. Hamilton Glenford		Wort Ullmon Morietto
15-	2 4c	K. W McLoughlin Corrollton	18-27	John Cornell Adomsville	22-7	Iro, F. Goopender Thornville	27-25ь	Harry T. Mills Bartlett
15-	25	Lonnie Moyer Corrollton	18-28	E. H. Gosser R. F. D. I Sonoro	22-9	C F. Cottermon Glenford	27-31	O. 8. Ronkin Morietto
15-:	26	Victor E. Tock	18-326	C. D. Richardson	22-17	Albert J Hommer	27-36	Roy Bond
15-	30	R. F. D. 2 Corrollton Thomas J. Long	18-36	R F. D. 1 Nashport Tom O. Bradley	22-18	R F D. 2 New Lexington  Manson H. Wilson	27-40	Barlow Jomes Devol
		R F. D. 3 Carrollton		R. F D 5 Zonesville		Roseville		Cutler
15-	33	R. H. Smith Kilgore	18-50	C. F. Moses New Concord	22-29	Samuel P. Starner R. F. D. 3 New Lexington		
15-	35	Cleo Corroll Sherrodsville	18-55	Clorence J. Weidig Zonesville		MORGAN CO., NO.23		
15-	39	Charles K. Noble	18-56		23-1	Albert Dovis		
15-	42	R. F. D. 1 Amsterdom Paul T. Leggelt	18-58c	R F D. 4 Zonesville C. L. Wilson	23-4	Deavertown H C. Wilson		
15-4	45	Leesville Henry Slotes	18-60	R. F. D. 4 Zonesville D. L. Busch	23-6	R. F. D. 5 McConnellsville John H. Lawrence		
		R. F D. 2 Scio		R. F. D. I Norwich		R. F. D. I Slue Rock		
		HARRISON CO., NO.16	18-64	Grover Cleveland High School Zanesville	23-14	Curtis Clork Beverly	STATI	ONS INSTALLED DURING
16-3	3	Robert Fierbaugh Conatton	18-65	Claude C. Neff Zonesville	23-I7b	E. C. Barret R. F. D. I Malto		JUNE 1941
16-5	5	George McCombs	18-706	5om Gregory	23-18	J. D. Wilson	2-8b	E. M. Haters
16-8	8	Scia Leland Engle	18-71	R F D. 3 New Concord Dennis Thompson	23-19	Molto Clifford 5. Hupp	5-20	Akron C. K. 5ima
16-1	9	R. F. D. I Uhrichsville Fronk M. Naytor		R F. D. 1 E. Fultanhom George W. Krofft	23-22	McConnellsville Curtis Clork	5. ZEL	Shelby George J. Kreischer
		R. F. D. I Uhrichsville		White Collage		Severly		Monsfield
16-1		F. A. McElroy Deersville	18-73ь	Hozel E. Dodds R. F. D. 2 South Zonesville	23-256	Poul 8. Grimes R. F D. 2 Molto	6-26b	W. E. Holzer Ashland
16-1	8	Arthur 5. 8eck R. F D 4 Codiz	18-75	Howard Pattibone Phila	23-27	Edgor Michener Chester Hill	8-44	C. R. Roby Mossillon
16-2		Dean 8. 8aker	18-76	Mrs Maggie E. Eschmon	23-36	Reed Brookover	8-47b	G. E. Seevers
16-2	22	R. F D. 2 Jewett Fred Deorman	18-86b	Philo Arthur Winland	23-41	Stockpart Edgar Michener	13-50	Cantan F. E. Redman
16-2		Tippecanae W M Cessno	18-88	R F D. I Duncon Falls Ren Lyons		Chester Hill		Newcomerstown J. S. French
		Codiz		Cumberland		NOBLE CO., NO.24		New Philadelphia
16-3		Glenn Eugene Block Freeport	18-926	Elton Dickson Blue Rock	24-2	L. C. English R. F. D. 2 Quaker City		E. W. Schupp R. F. D. I. Newcomerstown
16-3		Melvin E Tolbott R F D 2 Freeport		GUERNSEY CO., NO.19	24-13	Guy Oliver R F D. 1 Sorohsville		Horold C. Johnson Nework
16-4		R A Yornell	19-4	Elgy P. Domen	24-186	Corlos Musser		Poul 8 Foster
16-4		Predmont Leroy Work	19-6	R. F. D. Kimbolton Ray F. George		Goldwell L. E. Hedge	18-54b	Summit Station W. T. Dunmead
		New Athens		R. F. D. 2 Part Washington		R. F. D. 5 Caldwell		Zonesville
		LICKING CO., NO.17	19-8	J. A. Addy Birds Run		Iro Boker R. F. D 5 Caldwell		J. H. Gotter Philo
17-		Fred Wogner R F. D. 2 Utico	19-9b	Horry Borthalow Kimbolton	24-25	H. J. Horris Goldwell		T. H. Bogent Cambridge
17-6		Fronk 8 Williams R. F. D. 1 Utico	19-13	R. W. Groy R. F. D. I. Winterset	24-27	Elmer Oliver Summerfield	22-24	C. E. Denmon Grook sville
17-1	16	John Mile	19-15b	J. W. Potterson			27-20ь	Howord Jurden
		R. F. D2 Johnstown		R. F. D. 4 Freeport				R, F. D. 2 Morietta

### MUSKINGUM RIVER WATERSHED, OHIO

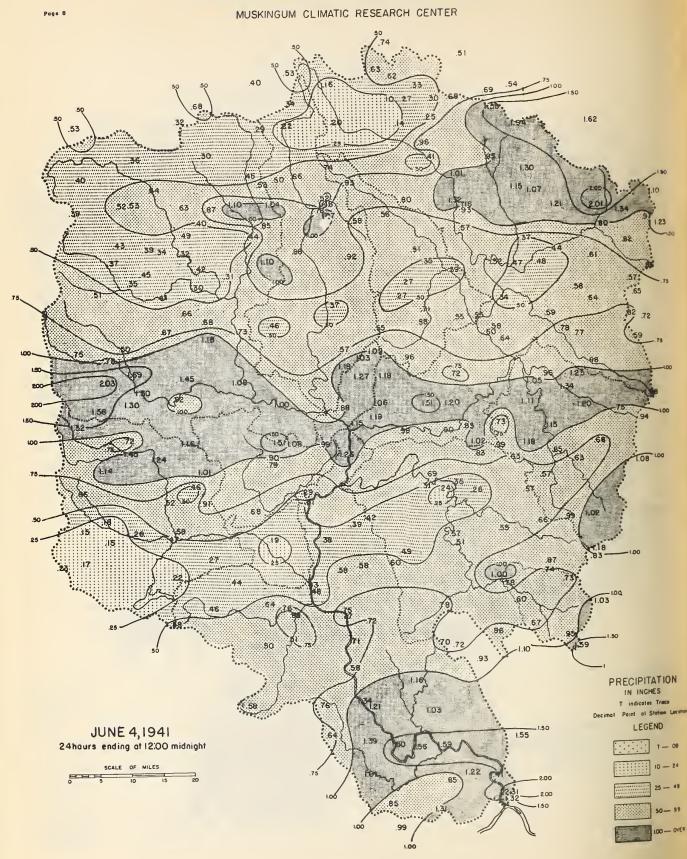


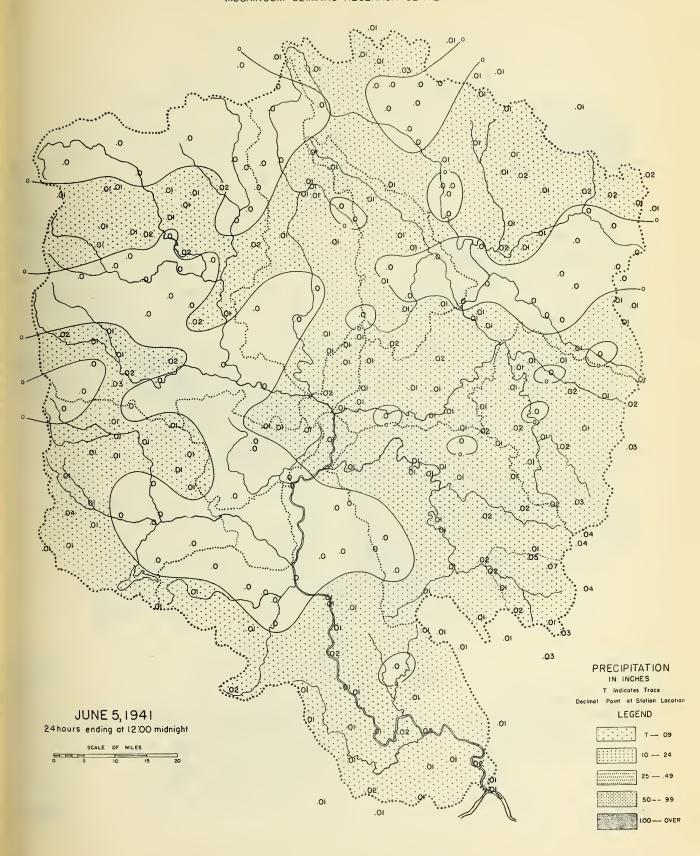


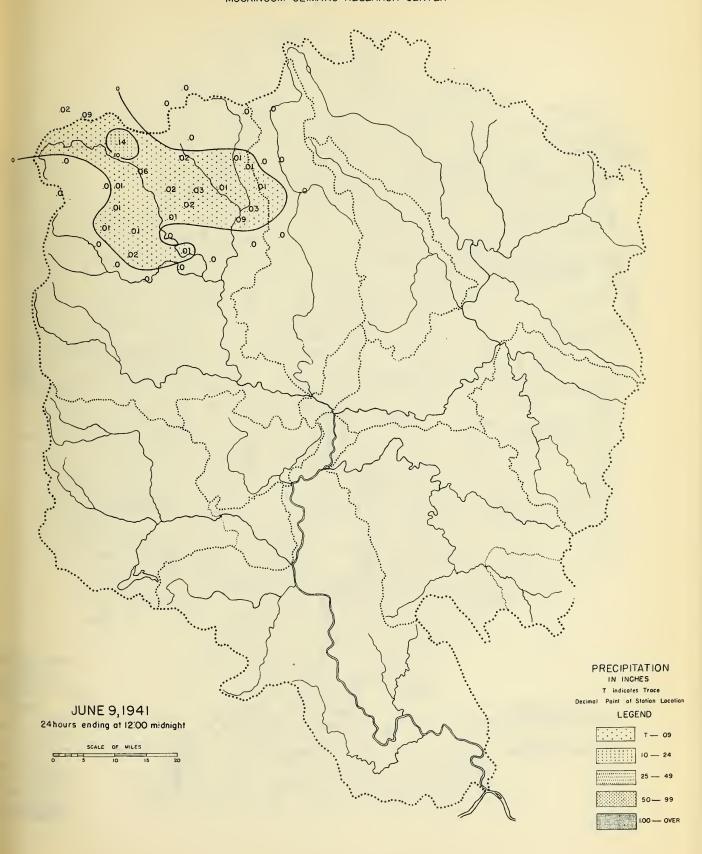


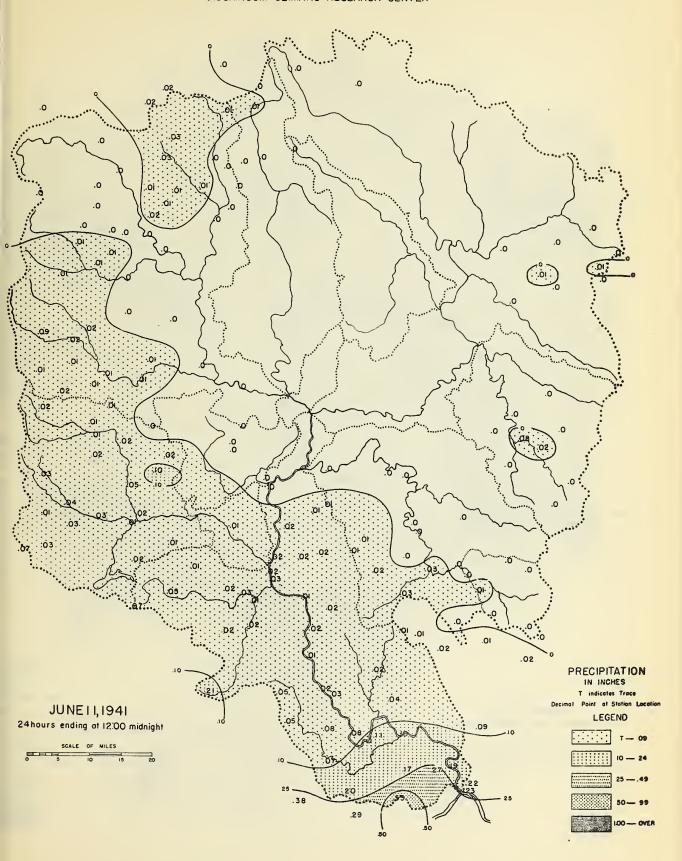


### MUSKINGUM RIVER WATERSHED, OHIO

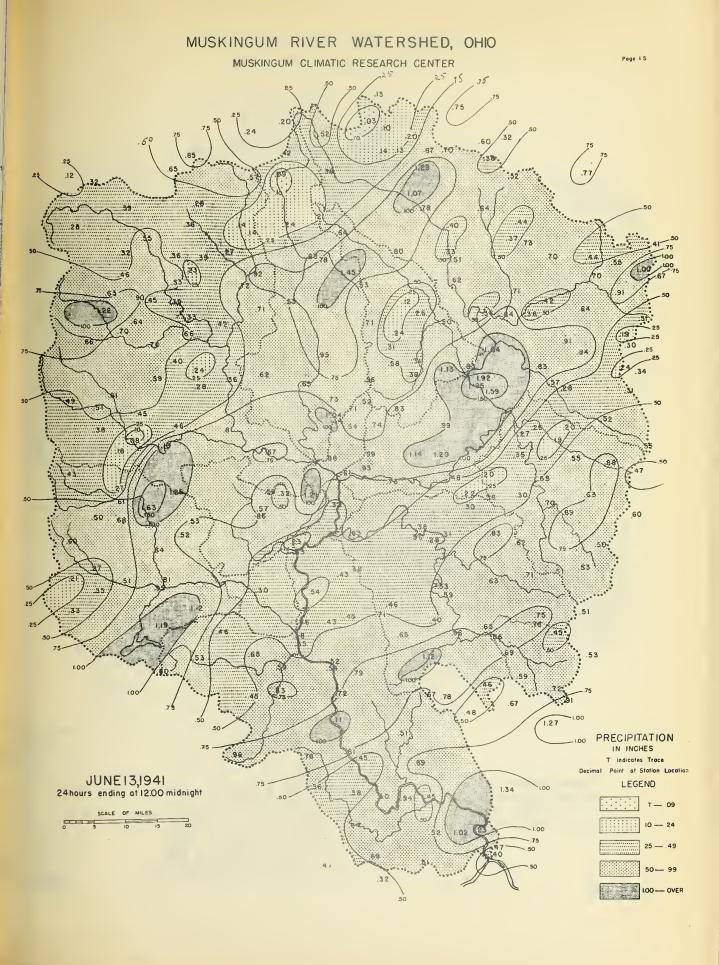


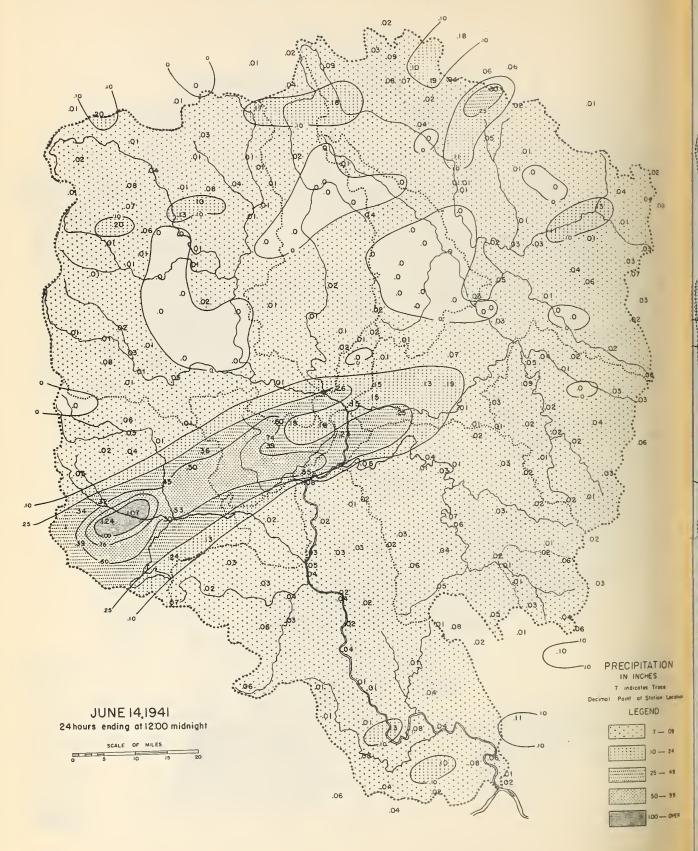


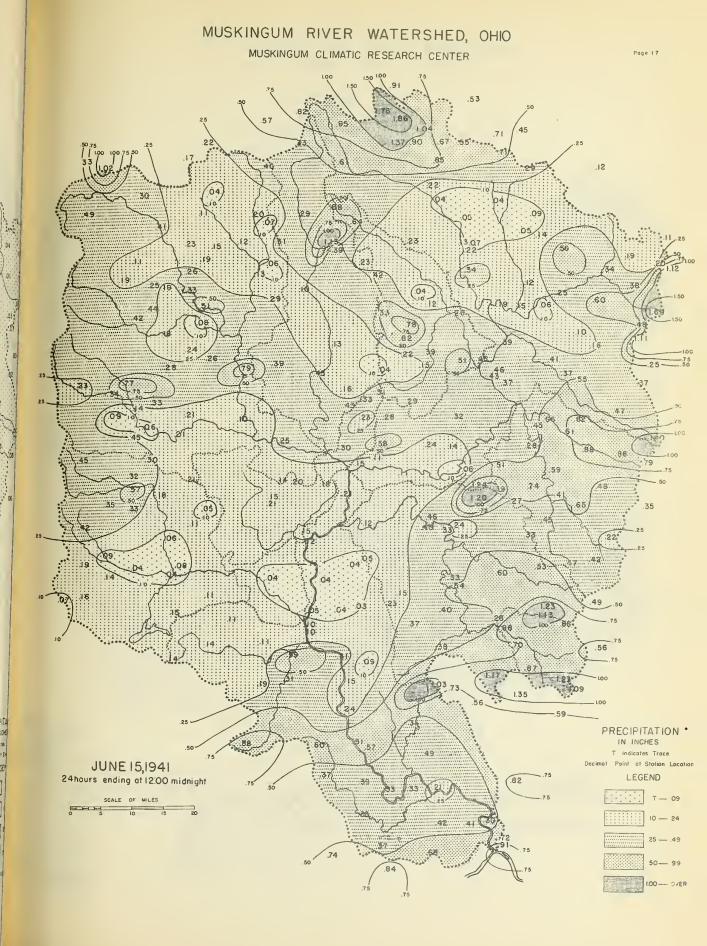


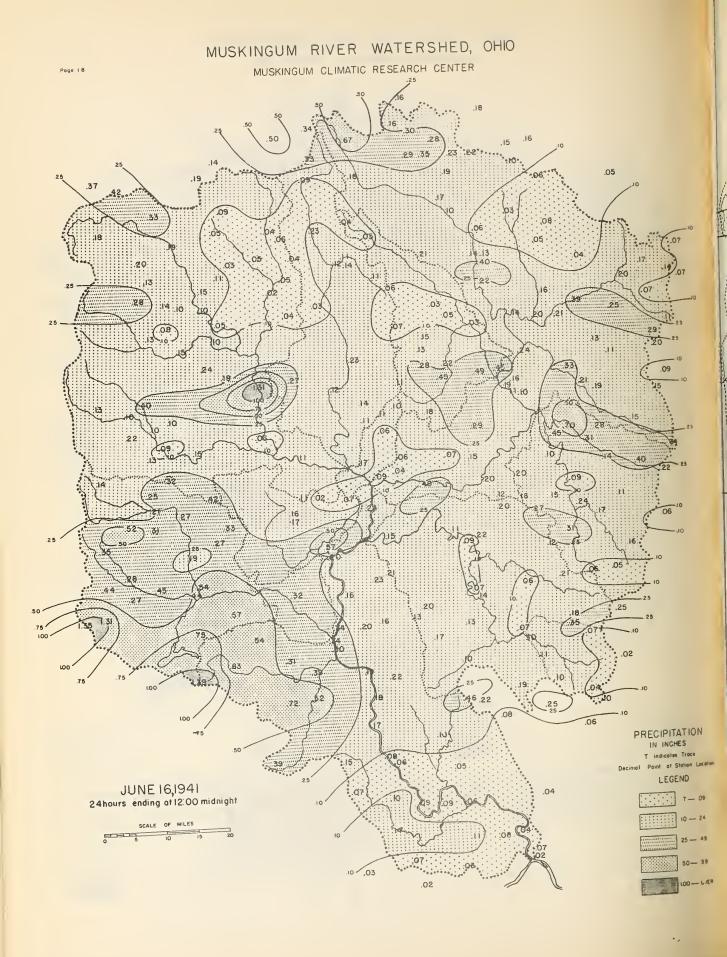


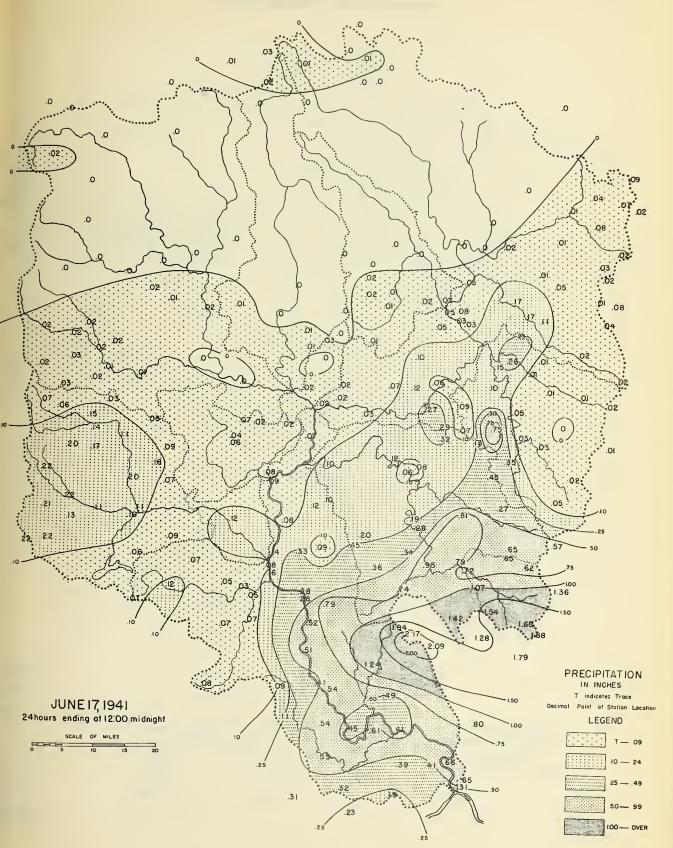
75 100 1.16

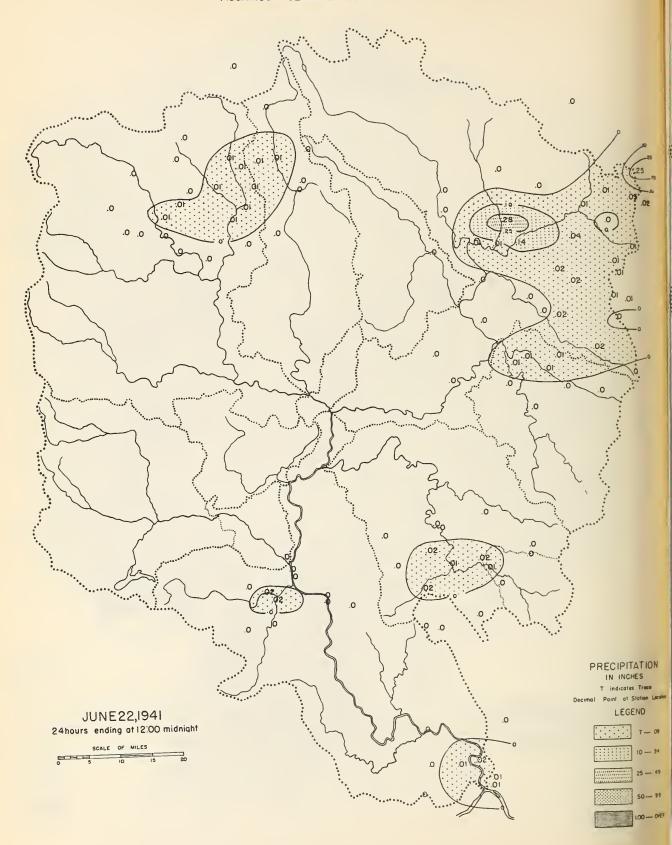


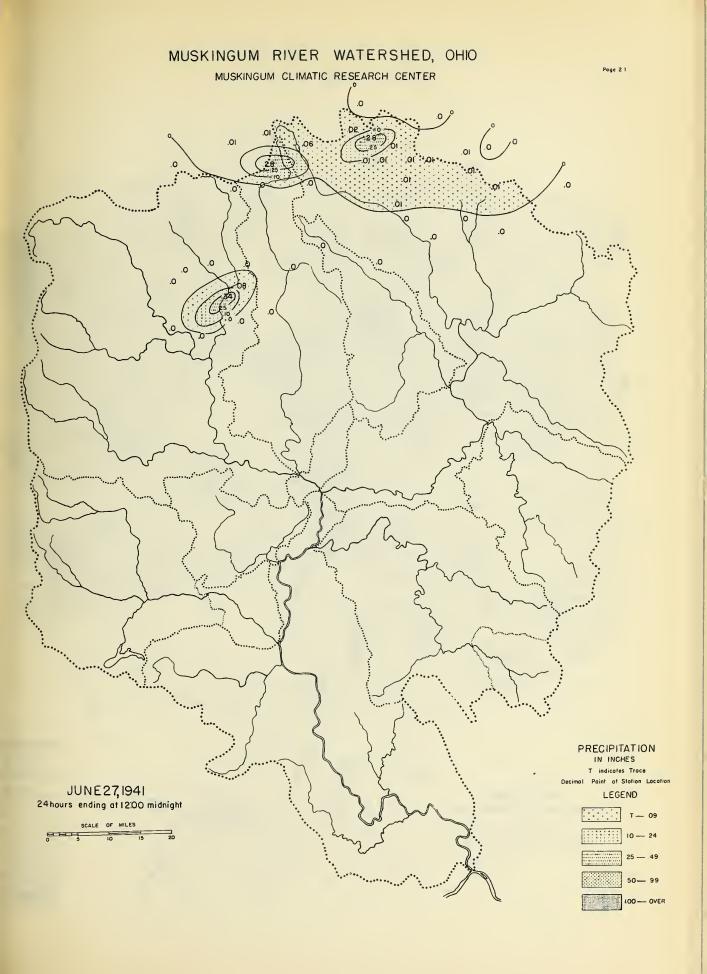


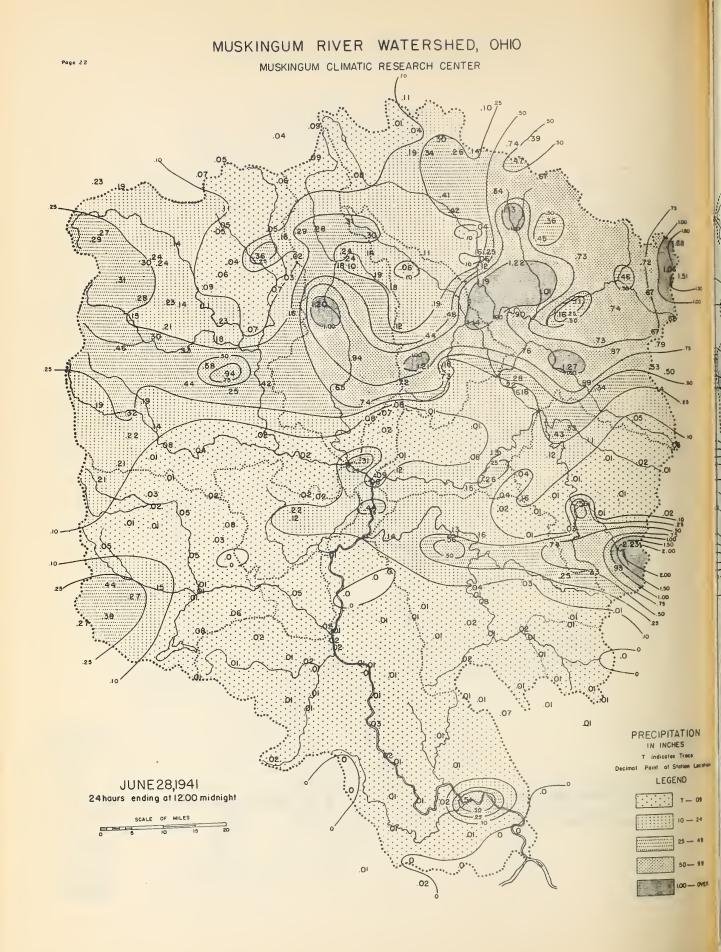


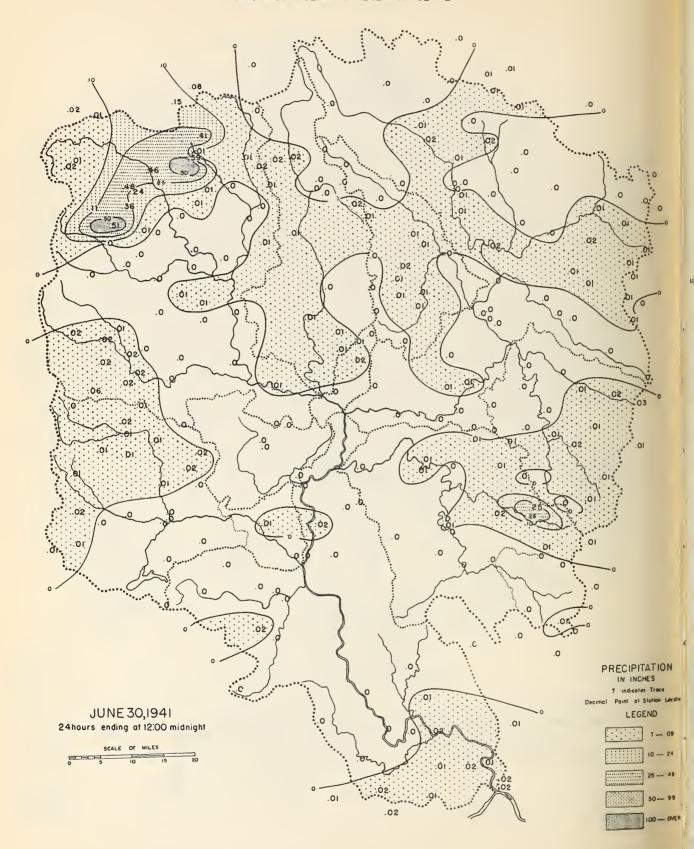


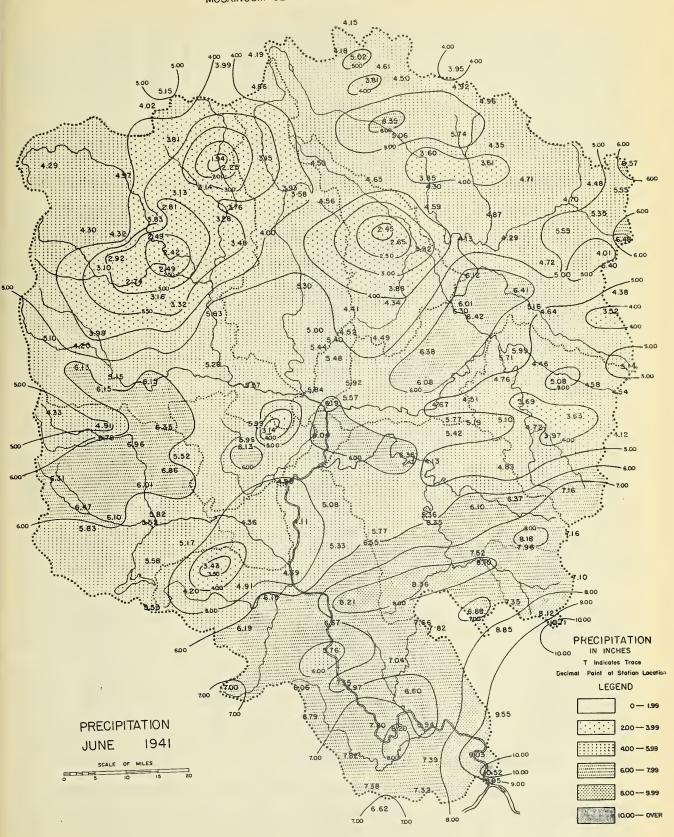












MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches far days ending at 12'00 midnight Page 26 Sta No. 1 2 3 4 5 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 Tatal MEDINA COUNTY NO I 1-11c 1-19 1-22 49 42 41 .02 415 .37 02 .02 .82 .09 .95 .09 .186 .01 .57 .04 .33 NR NR .08 1.37 09 .79 NR NR 04 .26 04 64 .09 155 NR NR .04 .34 .67 30 50 .53 .10 .80 .20 .52 .10 .24 .42 .NR .14 .01 .06 28 .01 28 NR 4.19 .80 .21 .40 .82 .53 NR .64 1-24b 1-28 1-30 99 45 46 .16 .01 .01 .01 5.02 .40 34 NR 3.99 .04 NR NR 1-42 .76 4.86 NR NR NR NR NR NR NR .29 NR 1-43 6.5 NR SUMMIT COUNTY NO 2 2-8b 2-10 2-13 .51 .02 .18 .53 51 60 33 34 .01 .75 .20 .18 10 58 30 .01 .30 67 461 3.81 .83 .60 27 .33 .68 .34 .69 .46 1.56 02 02 02 .02 .75 01 .15 NR 2-16 2-18c 2-23b .70 .22 19 .15 .14 32 33 1.70 .14 3 95 .01 22 .06 .01 .54 .38 .75 67 82 1.29 1.12 1.07 .30 .71 .10 47 26 NR .01 492 67 08 26 .19 .67 .85 .22 .19 .41 .30 .32 .25 .02 .01 4.50 6.35 01 .0.1 36 .96 41 2-32b NR PORTAGE COUNTY NO.3 3-3b | .89 | .34 | 54 | .01 | NR 39 .20 .01 RICHLAND COUNTY NO.5 .74 .12 O1 .33 37 NR 32 .20 1.02 42 .57 .39 .01 .30 .30 50 .03 81 .53 59 .02 67 NR NR NR .41 .36 NR NR 46 .02 23 .05 .02 19 09 01 NR NR NR .Q3 5-3 5-11c .06 .18 .19 NR .27 .14 NR 5-12b NR NR. NR NR NR NR NR NR NR 5-14c 5-24b 5-26 .57 .40 .17 .96 .28 .02 4.29 .06 .46 497 .01 .11 NR .46 .08 NR 10 NR NR OI NR NR NR NR 5-27b 5-28 5-29 NR .52 .53 NR .01 NR .09 NR 1.04 .97 NR NR .32 NR NR NR .10 NR I 4 NR NR .70 NR NR .19 NR NR NR .20 31 NR .08 09 .66 NR 24 5-34 5-41 5-42 5-43b 5-44 NR .06 .05 NR .01 .09 .87 1.13 1.47 .13 .36 NR 43 NR 28 NR .10 NR NR 34 .01 .12 46 .07 4.30 4.32 .39 .01 .90 .06 .18 .34 32 .37 .60 1.13 .14 .11 .15 18 .40 .02 NR .02 NR NR .45 .33 .10 .12 04 28 2 49 5-451 .11 .01 .48 .64 .04 .01 .63 .86 .08 .01 .64 .70 .10 .35 .70 .07 .34 40 292 20 .45 .21 .51 .19 .35 .02 .01 .08 NP .13 .17 .52 .21 5-47 5-50b .09 .20 .01 .44 .46 NR 5-51 5-58b 5-59 .30 42 3.10 .07 14 .66 .06 .18 .15 23 2.74 .02 .01 ASHLAND COUNTY NO.6 1.33 .68 .49 .30 NR NR 01 | 02 | 72 | 65 | 01 | .17 | .19 | .07 .50 .15 4.02 .27 .30 .20 .11 NR .02 .01 NR .22 .03 .04 NR NR .05 .45 .11 .52 NR NR 6-8 6-20 .06 .02 .95 35 .03 .98 .28 5.15 3.81 .14 NR 6-24 .80 NR NR NR NR NR NR NR .45 .87 .45 .63 NR .01 75 36 01 69 23 .00 .32 .27 .04 .117 .53 .13 .84 .72 6-25b NR NR .04 .03 .05 05 .12 6-32 .03 .01 .03 N.R 04 NR .01 NR 3.13 23 .01 NR 2.81 3.14 383 3.28 2.42 2.49 .02 59 .40 42 I.10 56 .49 .18 6-36 6-38c .0 I .0 2 .01 .02 .01 .19 .11 .01 .06 .17 .01 .09 07 23 .03 .01 6-40 .09 .08 .01 34 04 .05 .03 .26 .44 .22 .42 .23 .30 .13 51 .08 22 .09 .02 6-49 .05 6-53 .08 .66 NR .10 .11 .31 .05 .33 .42 NR 6-56c MUDDY FORK AREA .32 NR NR NR NR .31 .14 .01 .07 .06 .57 .14 .01 .07 .06 NR NR .01 .31 .04 .53 .37 .02 .37 .16 .29 25 02 .05 25 01 .16 .14 .02 .02 .35 01 .04 .35 .02 .25 .50 25 .45 .29 .53 .25 1.04 .02 .01 .01 .32 .01 1.94 .01 2 25 .21 .25 .33 W-9 W-12b .01 .01 .01 WAYNE COUNTY NO.7 7-2c 7-3b 7-5b .35 29 .38 .22 .29 .20 .64 .45 .30 .17 NR .18 .06 NR .08 .02 .01 .5 7 .09 .46 NR NR NR NR 7L NR NR NR NR .61 .18 .36 7-9b 7-21 7-23 .25 NR .02 .08 NR .01 .01 NR .39 .54 NR .24 NR .28 .31 NR .39 .76 .14 NR NR NR NR NR NR NR NR NR .23 ١٥. 02 3.15 NR .74 58 .O I .18 NR NR .53 NR NR 450 7-24c 7-33 7-35 21 NR NR .93 NR NR OI NR NR .06 NR NR .64 NR NR .6 4 N R N R NR NR OP .05 N R .30 .93 NR NR NR NR NR NR .18 3 93 .03 .02 .02 .68 87 .75 .81 .92 .12 NR NR .39 .14 7-39 7-40c .07 NR 19 .78 .01 NR NR NR .78 358 7-41 7-42 7-44 06 NR NR 92 I.13 .11 NR NR .06 .05 .24 .04 .48 .56 .85 .08 10. .12 3.76 4 5 6 4 6 5 .01 .01 .01 NR .40 .05 23 NR .03 7-46 34 .08 .72 .01 58 .80 NR | 138 | 150 | NR | NR .45 .80 NR 23 .11 19 34 02 NR NE .02 | 146 .01 | .92 .16 | 63 .18 | .74 NR NR NR .42 .06 .04 .03 .29 .04 .10 .03 .NR .NR 01 .08 .26 .03 NR NR .15 .51 .01 .11 1.10 02 .02 .02 .02 .01 NR 17 7-61 7-63 .18 245 348 400 .12 .71 .53 NR NR 10 .11 1.10 02 .12 .88 .01 .09 92 .01 7-65 7-69b .04

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8-25	12	.27	1.01	.01	.02				.58	.40	.11	.05	.06			1					1				.04	.92	.01		3.60
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8-28	.96	.20	1.30	.01	.03	L			.70	44	.01	.09	.08				1								.36	.17			4.35

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SIQ. No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 2	5 26 27 28 29 30 Total
STARK COUNTY NO.8 CONTINUED	
8-34   23	16 66 3.85
8-36 .17 .17 1.16 .02 NR NR NR NR .01 .07 .13 NR .8-39 .24 .23 1.07 .02 NR NR .95 .73 .14 NR NR .NR	.25 41 NR NR NR
8-40	.73 .06 4.71 .12 .62 .01 4.30
8-51 26 02 .50 201 .02 02	NR NR NR
8-58 b   .48   38   .37   .01   .02	1.01 .30 4.87 .48 .17 .01 2.65
8-61 b   19   20   35   01   02   03   .76   26     12   05     8-68   92   45   44   01   NR   NR   2.54   42   11   2.5   3.9   NR   NR	11 .14
COLUMBIANA COUNTY NO.9	
9-11 1.46 .02 45 1.10 .02 .04 .82 41 .02 .11 .07 .09 .25	1.68 .03 6.57
9-13 c 28 01 34 134 02 02 73 55 04 19 17 04 01 01 9-15 37 01 58 97 01 10 90 100 04 20 14 07 05	1.06 .05 5.55
9-17 NR 01 31 123 01 19 88 67 08 112 07 02 02	1.51 05
MORROW COUNTY NO IO	
10-21 08 38 75 02 02 03 09 78 49 01 23 13 02	1.19 1.86 .02 5.10
GRANNY 8 ORY CREEKS AREA	
MV-6 b .07 .43 2.03 .09 .01 .01 .86 .38 .08 .09 .22 .03	22 1.59 .02 6.13
MV-8 b .02	32 1.27 .02 4.20 NR NR NR
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KNOX COUNTY NO.11	
11-7t .12 .14 .68 .06 .06 .38 .24 .02 .26 .19 .01 1-14 .08 .16 .67 .05 .15 .03 .39 .59 .28 RR RR	94 21 .01 3.32
11-19b .10	42 .28 .01 5.63 .19 .58 .01 3.99
11-27	25 .24 NR NR
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11-50 NR	.21 NR .06 .01 2.67 .02 6.15
11-53 .14 .56 .30 .02 .21 .01 .54 .08 .01 .06 .09 .01 .11-155 b .06 .65 .92 .20 .01 .01 .13 .16 .05 .21 .15 .01	.08 2.02 .02 5.15 .04 1.55 6.15
11-65 .12 NR NR .15 O2 .01 1.56 NR NR .30 32 03 11-73  03 .57 1.32 .12 O2 .02 .54 .43 .45 .14 .07	01 1.87 .01
1-74	NR NR NR
11-76 20 95 72 01 15 02 01 98 21 06 32 25 15	.03 .83 .02 4.91
I -8   D   NR   NR   NR   NR   NR   NR   NR	.02 .27 6.35
HOLMES COUNTY NO.12	
12-18 1.06 NR NR NR 02 01 74 71 33 .07	.12 .41
12-26 NR	NR NR NR .44 .26 .02
12-39 NR	NR NR NR
12-47   20   22   37   .05   .01   1.46   .95   .02   .13   .23   .25	.94 .72 1.23 .23 .01 5.30
12-54	NR NR NR .65 22 .01
12-61   09   66   .55   06   07   1.29   .56   02   04   .11   12-70   37   .69   57   01   07   .12   .98   .73   .01   .16   .14   .01	72 24 4.41
COSHOCTON COUNTY NO 13	NR NR NR
13-22 NR	NR NR NR
13-32 50 63 1.51 .01 .86 07 .68 1.14 .13 .24 .07 .07 13-40 .61 .76 1.19 .01 .06 .03 .84 .93 .15 .11 .04 .02	0.02   1.21   .01   5.37
13-51 NR NR NR NR NR	NR NR
13-52b 84 83 1.15 01 09 04 1.00 61 15 15 09 02 13-54b NR .87 .99 .01 1.21 .06 .38 .73 .25 .11 .49 .03	.09 1.12 6.19 NR NR
13-58   0.6   0.6   0.1   0.1   0.5   0.1   0.1   0.5   0.	.02 .55 .02 .12 .02 .12
13-63c NR	NR NR NR
13-69 06 85 90 59 01 82 57 74 15 16 04 13-70 27 87 79 62 01 84 86 39 21 17 06	.22 .85 .5.96 .12 .92 .6.13
13-75	.44 .94 6.04 .14 1.85
MILL CREEK AREA  MC-2 .24 .86 .09 .01 .10 .08 .92 .52 .02 .31 .10	08 .19 4.52
MC-3 .82 .81 I.03 .01 .14 .09 I.00 71 .01 .33 .11 .03 MG-4 .58 .75 NR	07 23 .01 5.40 NR NR NR
MG-5 30 80 1.04 .01 .06 05 .93 .72 .20 .15 MG-6 .22 .91 1.27 .01 .10 .03 .70 .54 .23 .06	.Q1 .11 4.38 .Q2 1.37 .Q2 5.48
MC-7b 26 82 1.18 .01 23 .09 .93 1.04 .02 .43 .1 1 .01	.08 22 .01 5.44 .31 .67 5.84
MC-13 35 98 1.00 01 07 .10 .99 1.03 .16 .47 .07 .02	.01 .91 6.17 .01 .75 5.92
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TUSCARAWAS COUNTY NO 14	.22 .21 6.30
14-2 .19 .15 .39 0.01 0.02 .33 .50 .26 .03	1.14 .20 3.22
14-5	90 53 02 4.13 NR NR NR
14-18 b NR	NR NR NR 1.27 .34 6.41
14-23 .55 .37 .71 .04 .07 .79 .31 .39 .22 .01 .14-25 .85 .45 .55 .01 .07 .05 .182 .1.13 .51 .49 .02	18 23 OI 3.88   NR NR NR
14-26   .41   .51   .55   .03   .04   2.09   .88   .03   .46   .45   .02   .14-27   .76   .35   .34   .06   .01   1.81   1.04   .05   .39   .24   .05	NR NR NR .76 .24 6.12
14-28 b .34	.28 .20 .01 6.01 .73 .21 .01 4.34
14-33 13 NR O5 == 1	

Sta No. 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 Total TUSCARAWAS COUNTY NO 14 CONTINUED .33 .29 .64 1.68 .89 1.59 .01 .NR .70 .13 NR .53 .70 NR .01 .02 .09 NR .02 .08 .03 1 O. .37 .29 .10 .03 .01 6.42 .72 1.05 14-49 NR NR NR NR NR NR NR 14-58b 43 1.56 1.44 .02 .08 1.50 99 .07 32 45 .29 .99 44 .37 6.38 5.71 .10 .01 .01 14-63b .96 .01 25 .04 .66 .70 .26 5.99 6.08 .19 .29 .55 55 NR 32 1.20 NR I.I.1 .01 NR .01 1.23 NR 1.42 1.29 NR .35 .19 NR .09 .15 NR 14-64 .12 .08 .13 .12 .39 .01 NR 14-69 .12 .28 .10 4.76. .03 .10 .16 .20 .20 NR .45 .59 .73 .73 .83 .90 .01 1.30 1.06 1.07 .07 .04 .05 .39 .25 .20 .20 48 NR .03 .01 NR .09 .27 NR .04 .26 NR 14-74 14-78 c .22 .51 4.51 4.67 .43 14-83 b NR NR NR NR .04 .02 .05 14-85 14-86 b .49 1.02 .63 .99 .53 1.18 .01 .02 .02 1.26 .65 .58 .33 .37 .23 .22 .36 .30 .01 1.24 .01 1.19 .02 .74 .12 .29 .07 5.77 5.19 5.10 .43 .04 .27 .0.1 CARROLL COUNTY NO.15 15-4 15-5 c 15-7 .62 .13 .34 .20 .34 .07 .08 .25 4.70 5.35 4.29 .0 .80 .02 .98 .01 .01 .70 10. .46 .28 .82 .13 .91 .92 2.5 .48 .0. 1.86 .14 16 .05 .01 15-10 15-18 .64 .74 .82 ,73 .26 .45 .60 1.69 .25 .0 I .0 2 .0 I .04 .02 .61 .86 .26 5.55 6.48 4.72 .14 .1.1 .19 1.50 J5-23¢ .15 .58 .16 15-24c 15-25 15-26 NR .03 .08 NR .57 NR .34 .83 NR .0 I NR .74 NR .19 N R .48 NR .29 N R .03 NR .01 N R .67 NR .13 NR NR Q1 4.01 5.40 .08 .28 .65 89 30 .20 79 .01 15-30 15-33 15-35 .44 .45 .06 .23 .24 .44 .64 .82 .78 .31 1.10 .23 .92 .84 .24 .57 .16 NR .37 .11 NR ,21 .05 .87 .53 .89 .16 .22 .25 .06 NR .02 .01 5.00 .01 .01 91.6 15-39 15-42 15-45 .26 .09 .44 .33 .37 .28 .72 .77 59 1.43 1.1 8 .80 .13 .51 .34 .25 .55 .37 .09 .01 .02 .50 .34 .14 .20 4.38 4.64 3.52 .01 .03 .08 .01 HARRISON COUNTY NO. 16 16-3 16-5 16-8 .13 .06 .51 .31 .98 NR NR 20 1.34 10. .74 .91 .70 .02 .02 .24 .15 .05 .20 .52 .02 47 .02 .02 .02 .18 .19 .01 .01 .01 .26 4.46 .18 16-9 16-16 .30 1.25 .33 1.20 .28 .01 .19 .01 .83 20 .82 .0 1 NR .01 NR .10 NR .01 .02 .02 5.08 .03 16-18 .41 .36 .75 .01 .43 .03 .88 .88 .40 .01 .02 .08 .02 458 16-20 16-22 16-28 .36 I.08 .42 I.15 .41 .94 .29 .32 .55 .17 .35 .42 .47 .05 .58 .06 1.40 .59 .79 .08 .16 5.14 3.69 4.54 .01 .34 .02 .01 .02 .57 .03 .03 .22 .02 .03 16-31 16-32 16-40 .19 .30 .09 .01 .40 .85 .40 .68 .48 .63 .01 .67 .59 07 .05 .03 41 .19 .22 .70 .02 .63 .04 .89 .02 41 48 .65 .24 .56 .01 12 .01 4.72 3.63 3.97 .02 03 16-43b .12 .01 .64 1.08 .03 .59 .06 .38 .63 .06 .35 .06 10. .02 .07 .01 4.12 LICKING COUNTY NO. 17 CICKING
OI 1.15 6.1 03 5.7
0.2 1.28 1.63 .01 .18
NR NR .50 .02 .35
0.2 1.01 .68 .04 .35
0.2 .91 .53 .36 .05
1.0 1.20 .52 .50 .11
0.3 .62 .60 .05 .42
0.5 1.12 .84 .45 .06 17-5 1.45 1.45 10. 10. 10. 10. 10. 20 .21 .14 .02 6.78 17-6b 17-16 17-17 .92 1.49 1.24 .16 .01 6.96 .02 .19 .23 .12 .19 .27 .52 .32 .02 .52 10. .20 1.28 1.14 1.60 NR 01 1.42 .46 .04 1.50 66 17-22 17-33 17-38 5.52 43 .03 .33 .09 .27 .35 .19 .03 05 .05 6.86 6.31 601 .88 .11 .96 1.07 .02 .22 17-43 b .42 .01 1.24 .52 .03 .20 .65 17-45 17-52b 17-56 .89 .08 .14 .01 1.35 .01 2.51 .03 1.51 NR 39 .34 NR .02 .04 N R 1.36 1.07 N R .32 .53 NR .28 .22 .1 8 NR .27 NR .09 .O. .12 NR OI NR .02 .08 .01 5.82 .58 17-62 17-64 17-66 b .01 228 .02 218 .01 1.75 .32 .02 .01 1.63 .03 .66 .03 1.06 .21 .34 .35 1.24 .51 1.07 .44 .27 .45 .13 .44 6.47 5.83 6.10 .16 .04 .19 .02 .15 .04 .01 1.04 .95 .30 .04 .01 .79 1.12 .13 .11 .07 1.14 NR NR .07 .03 .90 .33 .39 .16 .02 .65 1.19 .24 .15 .47 .27 .23 .17 17-67 17-82 .08 .01 1.62 .3 4 .3 2 .22 .02 .05 .44 .57 .10 .01 .05 .09 5.52 5.17 .09 17-85 17-86 b 17-92 17-95 .05 2.58 .03 2.03 .01 1.66 .01 J.13 .90 .33 .65 l.19 .30 .46 .39 .16 1.31 .75 .54 .38 .20 .01 .22 .07 5.58 3.43 MUSKINGUM COUNTY NO IB .0 I .0 I 1.26 1.97 .95 .54 23 .55 .15 .57 .08 18-4 .29 .29 .42 .04 NR NR nje: .51 .70 18-15 .09 .01 4.90 .49 .73 5.08 .01 .43 18-27 .93 10. 10. .79 .77 .05 .05 .48 .01 .04 23 .12 NR .54 .46 .46 .02 18-32b .59 139 .19 49 .01 .65 .04 .12 .05 .0 436 .02 .04 .79 1.12 02 .0 I .33 .16 .08 .02 .38 39 .55 4 I 1 5.77 .6 I .72 .03 .0 I .0 1 8-50 .03 .49 .05 18-55 .26 .04 NR NR 1.27 .02 .42 .03 34 14 .20 1.17 1.24 .02 .58 .58 .60 .5 I .5 8 .5 5 .02 .61 .62 .43 .03 .03 20. .04 .20 .33 NR .01 NR .58 .97 18-56 18-58 d 18-60 .83 NR 5.33 6.55 .94 .93 ,0 18-64 NR .3 I NR N R .02 N R .95 43 92 .02 .03 .02 .73 .05 .10 .10 .37 .34 .08 02 03 4.59 35 93 .65 .68 NR .59 .06 .03 NR 18-70 b NR .01 .51 4.91 .63 1.10 .77 1.05 .83 1.15 .43 .74 .75 .11 NR .59 05 .03 .05 .02 .3 1 .0 1 18-71 18-72 b .19 .64 .68 10. 2 O. EO. .02 NR .02 02 .73 6.15 18-73 b 99 10. .0.1 .04 .39 .02 .47 .65 1.18 NR NR 1.17 .71 .38 1.07 .52 .54 .79 10. 10. 10. .10 .08 .63 .01 NR .0 I NR .02 N R .3 I .75 .77 .72 .01 NR 19 18-75 .02 228 46 .01 .09 18-86 b .02 18-88 18-92b NR .59 NR NR .24 1.23 NR NR .02 124 NR .72 N R .02 NR .15 NR .18 NR .52 NR NR NR 6.67 10. SUERNSEY COUNTY NO.19 .13 5.42 10. .05 .03 .02 15 10. .31 1.93 .86 .01 .63 .75 .74 .63 .69 .35 66 1.08 .64 N R .38 NR .04 .27 .46 27 19-6 .01 NR .43 6.36 .33 .23 NR .36 24 NR .45 .16 .31 .01 .03 .01 .01 .03 NR .08 .01 .83 NR .36 NR .3 I .75 NR .28 .01 NR .01 NR .57 .36 .01 .01 19-13 19-15b NR .48 .88 .31 .51 19-19 19-19 .08 80 NR NR .24 .26 .57 1.75 .01 .33 NR .09 NR .06 NR NR NR .74 .72 N R N R NR NR .72 .58 NR 4.83 19-24c

Sig No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 2	28 29 30 . Total
	.8 23 30 . Toldi
GUERNSEY COUNTY NO. 19 CONTINUED  19-36b 80 .02 .71 99 .02 .34 .01 1.70 .51 .02 .47 .06 NR	04 .90 5.36
	03 .09 .02 610 25 .12 25 6.37 08 .75 6.35
19-63   1.44   07   89   .87   01   .55   0.6   1.31   .75   0.1   1.23   1.8   65   0.2   1.9-67   1.13   .56   .99   NR   NR   .59   0.2   1.92   40   0.4   .40   .13   .34   0.2   0.0	
19-74 94 80 1.03 78 01 33 01 03 1.61 1.12 05 38 1.0 74 02 0	
BELMONT COUNTY NO 20	
20-6 .15 NR NR NR NR NR .40 .04 .92 .50 .03 .22 .16 .02 .22 .10 .05 .05 .22 .10 .01 .01 .02 .03 .59 .02 .1.07 .53 .01 .42 .05 .05	93 .25 .01 7.16
20-17 83 02 92 83 04 32 16 91 51 02 49 25 57 0	01 1.27 .01 7.16
PERRY COUNTY NO. 22  22-3c   36   02   130   46   01   23   0.5   30   .53   .02   .14   .63   .12   0.0	011 .02 4.20
22-7	01 .05 5.53 NR NR NR 01 .54 .02 6.19
22-18 NR .01 1.30 .51 .53 .72 1.42 .83 .03 .31 .52 .07	OI NR NR 7.00
MORGAN COUNTY NO 23	
23-1 NR	NR NR NR 5.76
23-14 34 30 2.20 1.1628	NR NR NR 7.04
23-19 68 03 2.37 1.21 01 39 04 03 48 45 01 57 06 54	02 .10 7.55 01 .09 6.97 01 .14 .01 6.60
23-25b   1.18   .02   3.12   .64   .01   .41   .02   .05   .32   .36   .01   .37   .07   .11   .23-27   NR   .02   2.87   1.39   .01   .28   .01   .08   .41   .38   .01   .39   .10   .54	01 .26 6.79 01 .18 7.80
	7.02
NOBLE COUNTY NO. 24  24-2   1.33   14   1.10   .73   .07   .34   .08   .32   .45   .06   .86   .07   .62   .	VR NR
24-13   1.20   NR   NR   .60   .01   .32     .06   .01   .23   .69   .01   .70   .11   1.07   .024-186   .28   .38   .34   .96   .01   .22   .01   .23   .46   .05   1.17   .19   1.42   .05   .01   .23   .05   .01   .25   .05   .	01 .60 01 .15 6.88 01 .21 7.66
24-24   .39   .34   .33   .72   .01   .31   .01   .01   .29   .78   .08   .73   .22   2.17   .01   .29   .78   .08   .78   .08   .79   .09   .09   .09   .09   .00	01 .42 07 .17
	01 .42    8.85
MONROE COUNTY NO. 25  25-4	01 .07 7.10
25-11 1.05 .54 1.80 1.59 .03 .38 .06 .35 .91 .06 1.09 .10 1.88	01 .26 10.11
SENECA FORK AREA	
<u>\$-6                                    </u>	01 .36 8.10 01 .53 7.35 01 .13 2,96
ATHENS COUNTY NO. 26	
	01 .12 .01
WASHINGTON COUNTY NO, 27 27-16 NR	IRI NKI NR
27-5 .90 .06 2.08   1.59 .02   .25   .02 .10 .08 .45 .04 .21 .06 .41   .1   .5	02 31 8.20 51 .14 .02 6.94
27-9 .68 .29 3.01 1.55 .01 .5209 .20 1.34 .11 .82 .04 .80 R R R R R R R R R R R R R R R R R R R	.08 .01 9.55 IR NR NR
27-20   1.60   0.1   247   1.22   0.1   \$   27-21   1.35   0.2   3.11   1.41   0.2   2.2   0.3   0.19   0.52   1.03   0.6   0.30   0.4   0.66   0.02	.04 .01 9.03
27-22   1.33   3.38   2.31   0.1   0.8   2.2   1.22   .47   0.1   .72   0.7   .65   0.1   27-25b   .72   0.5   2.77   .85   0.2   3.4   0.3   20   .64   .69   0.4   .37   .07   .32   27-31   11.4   3.32   1.32   0.1   .18   2.3   .46   .40   0.2   .91   0.2   .31   0.1	.02 .02   10.52 .25 .02   7.38 .02   8.95
27-36   1,07   0,4   1,95   1,31   0,1   5,8   0,6   5,3   2,3   5,1   0,2   6,8   0,3   1,9   27-40   8,1   0,3   2,15   9,9   0,1   3,5   0,9   2,9   3,3   3,2   0,4   8,4   0,2   2,3     0,5	.10 01 7.32
STATIONS INSTALLED DURING JUNE 1941	
5-20 + + 2 5-35b + + 22	
6-26 8-44 + + + 0	05 .13 .01 06 NR
13-50 + 11 03 + 10 10 10 10 10 10 10 10 10 10 10 10 10	6 .20
14-776 17-55 17-859 + + + + + 22	1 03
18-54b 18-77 - + + NR 0	02 .05
22-24 27-20b + .31 .27 .31 1.02 .08 .41 .08 .41 .01 + .01	

Page 30

## MUSKINGUM RIVER WATERSHED OHIO Precipitation in inches for hours ending as shown in column heading

A M Sia No I 2 3 4 5 6 7 8 9 10 II 12 I 2 3 4 5 6 7 8 9 10 II 12

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1-22 1-24b					08	.02	 .02		.01	.01			_				_		.01		 									.65 .04
1-28 1-30 1-42							.01	.02 .01	.0 I .0 I	.01		.01		_	.50	.0 I .1 I	.05													.03 .55 .14
1-48 2-10 2-13					.01	.02	.02	.01				.11			.04															.30
2-18c 2-23b 2-24					.01	.03	.10 .02 .02	.03		_					.04	.01									_					.15 .21 .2
2-26b 2-29b							.01	.01 .01	.01		.05	.01			.03	.13														.01
3-3 b . 5-2 5-3					.01	.09 .01	.76 .01	.01 .01 .02							.01 .22 .06	.01 .04 .36	.14	.07												.69 .59
5-14c 5-24b 5-26	-				.35 .04 .13	.20	.01	.02	.01	.01						.04	.11													.5 .1 .2
5-28 5-29 5-41					.08	.03 .06	.02 .01	.01				.01		i					.03											.01
5-42 5-43b 5-44							.02	.01 #01 #04	.01										.01											.0. .0.
5-45f : 5-47							 .02	.01											.05 .07											.0
5-50b 5-51 5-58b							.01												.03											.0:
5-59 6-7 6-8			.0.1		.04	.01	10.	.01 .01 .02	.01						.15	.07	.01		_02											.3(
6-20 6-24 6-32	· ·	_			.01	.33	.01	.01	-	-	=	-			-	.06	.03	=	=		-		-	-	-	*.80				.8
6-35 6-36 6-38c					.01	.05	 .01	.01								.03	.01				 			-	-					.0
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7-3 b 7-5 b 7-9 b						.06	.0 I .06	.02			.01	.02				.06	.02						-							.19
7-21 7-24c		.01				.01	.01	.02	.01		.01					.01														.15
7-39 7-40¢ 7-41	*	_	_	_	_	.03	.02	.01				_			_	_	.02	_	_	.01	_	_	_	_	_	.54				.01
7-42 7-44 _7-46						.34	.06	.01	_		_									.12										.07
7-51b. 7-53c. 7-61							.03 .20 .06	.01		.01							10.													2.0
7-63 7-64 7-65							.10	.15 .02 .01	.01								.01													.26 .03 .04
7-69 b . 8-2 8-12						.02	.05	.01	.01		.01	.02			.15	.65 .06 .05	.01	.01												.61 .25 .15
8-13 b 8-16						.01	.07	.01		١٥٠					.65	.19	.01													.08
8-25 8-27b 8-28						.01	.05			,01					.01	.04	.02													.16
8-34 8-36 8-39						.04	.06	.01	.01						.08 .01	.01	.01													.23 17 .24
8-45 8-51							.07	.02 .06 .09	.0 I .0 2						.02	.06	.03 .32 .07													.14 49 .26
8-55b 8-58b. 8-61b							.04 .05 .03	.01 .02 .12	.01							.02	.01	.01												.07 48 .19
9-11 9-13c							.06 .09 .02	.07 .04 .08	.03		.01		_		.08	1.16	.74	.02 .05	.01											.92 146 28
9-15	_		_	_	_	.03	.03	.08	.02							10	.06	.03	.02		.01		.01							.08
10-21 4V-6b 4V-7b		.01	.01			.01	.05	.01		.01											.51		.57						$\dashv$	.07
4V-8 b 4V-9 e			.02			.02	.01	.01		.0.1			-						_	.01								+	-	.02
1- 4   1- 9 b   1-2   b			.03 .02			.01	.02	.01		.01			-	-		.03				.01		_							-	.10
11-27 11-33	*	_	.05	_		.01	.01	.01	.01	_	-	_	_		_	_	_	_	°.09										-	.08
11-49	_	.02		_	.01	_	.07	.06		_	_	.01				_	_	.03	.01	.02	.01	.01	_	_	_					.15
I 1-52 I 1-53 I 1-55 b					.01		.09	.04	.0 1	.01								.03	.01		.01	.01								.14
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12-29 12-40 12-47							Π	.02	.09 .01		.01	.02					.46 .50	.56 .02	.0 L				.04 .41	.01								1.18 .97 .20
12-51								.01	.02			.02				.02	.01	.01	.01				.01	.16								.23
12-57 12-61 12-70		.01	.01	.01				.03 .01	.04 .02	.01							.31	.20 .06											T			.2 <b>8</b> .09 .37
13-19 13-23 13-32				.01				.02 .01	.04 .03 .01	.03 .01			-	-					.21	.01	.28		.01				<u> </u>		-	+		.31 .34 .50
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13-52b 13-58b			-	-	-	-	-	.01 ,05	.01	.01			-			-	-	.05		.03	.21		.51		.01			$\vdash$	$\vdash$	+		.07
13-61 13-69 13-70			_			<u> </u>	-	.03 .01	.02	<u> </u>	-			-	-			.01		.01	<u> </u>			.01		-		-	1	-		.04
13-75 13-86				-				.02	.02		_			_		_		16		.01				.01			ļ	<u> </u>	-	-		.05 .06
MC-2 MC-3 MC-4		.02	.02 .01 .05	.01 .01 .01	.01			.01 .01	.04 .07 .03	.03								.16 .68	.01													.82
MC-5 MC-6 MC-7b			.03	.01 .01 .01				.01 .03	.03 .05 .05	.02								.02	.18 .10 .08													.30 .22 26
MC-10b					.01				.04 .03											.01	.36		.29									.42 .35 .12
MC-14 14-00 14-2								.01	.01 .13	.01							.01	.61 .01	.03				.00	.15								.78
14-5 14-6 14-22								.03		.02								.37 .25 .01	.01 .01	.01												.56 .40 .48
14-23 14-25 14-26									.03 .01	10.						-	.72	.29 .08 .26	.01				.03	.01 .10	.03							.55 .85
14-27 14-28 b							+		.02						-			.75	.01			-		.09	100			$\vdash$	-	-	-	.78 .34 .14
14-30b 14-33 14-34b				-			-		.01	.01		-				-	.06	.06					.06	.05		_		-	+			.13
14-46b   14-58b   14-62c			02	.01		_	_	.06	.03 .01	.02 .02	.01	.01					_	.07	.08		-		.01	.04	.01		_	-	-			.29
14-63b 14-64 14-66							_		.02	.01								.22	.02	01				.01					-	_		.27
14-69		.01		.01					.01	.01	.01		_					-	.26 .24 .L1	.01	.01			.01	.27					1_		.29 .55 .22
14-78c 14-83b 14-85									.01 .02 .03	.01 .01 .01								.34	.01 .43 .20	.02	.01		.02 .47 .19	.04								.43 .98 .43
14-86b 14-88 15-4									.02 .01	.02 .01								.36	.07	.13 .22 .07			.01	.07 .09	.10 .07							.35 .40 .62
15-5c 15-7								.02	.04	.04	.01							.55 .15 .67	.02	.08	.03											.77
15-10 15-18 15-23c			_					.07 .24 .01	.01	.03								.07	.04	.01	.86											.92 1.15 .15
15-24c 15-25 15-26									.02	.03 .04 .03		.01	-					.02	.02 .17 .01	.01			.01			_				+	-	.08 .26 .08
15-30 15-33 15-35					-	-	$\vdash$		.01	.01					-			.01 .02	.11	.02			.01 .31	.01					$\vdash$			.44 .45 .06
15-39 15-42 15-45						.01		.01	.02	.01	-							.01	.04	.01	-		.16	.01					$\vdash$		$\vdash$	.09
16-3						.02		.03	.02				-		-	-		.04	.03	.01			.18	.07	.01							.44
16-8 16-9 16-16				.02	.01			.01	.10	.01	.01								.12	.04	-		.06	.02					-	-		.51 .19
16-18 16-20 16-22				.01	.01				.01	.08									.06	.05				.01 .52	.03				-			.41 .58
16-28 16-31			.01		.01				.06	.04									.16	.03			6:	.03	.23 .06			<u>.</u>				.57 .19
16-32 16-40 16-43b				.02	.01 .01 .02				.01	.01 .01 .01	.01		.01							.03 .06			.01	.02	.01	.01						.30 .09 .12
17-5 17-6b 17-16						.01		.05 .06	.01		.01 .01		49			.07			.38 .15 .12	.01 .04 .06												.46 .28 .92
17-17 17-22 17-33		.01	.01		.01	.01		.03 .20 .25	.01		.01		.14			.27 .11 .57	.01		.06	.01 .09			.01					.01				.5 <b>5</b> .43 .88
17-38 17-43b		.01	.01			.23		.27	10.	.02	.02		.01			.01	.01		.03	.03	.01		.01					.01				.38 .42
17-45 17-52 b 17-56						25		.02	.02	.01	.02 .03 .07	.02	.01			.56			.02	.03	.01											.8 9 .08 .1 4 .1 6
17-62 17-64 17-66b		.02		.01	.01				.01	.02	.08 .06 .07								.03 .03 .01	.02 .01 .02	.01											.12
17-67 17-82			_			_			.01	.01	.04	.02	.01							.01	.03		.01					.01	-	-		.08
17-85 17-86 b 17-92	=	=	=		=	=			.12	=	.02	.01	-			-	_	_	.12	.04	-		-	.02	_	_	-	*97	1			.19
17-95 18-4		.01						.03	.05	.01	.01	.01				.01	.03			.10	.02		_				.01	.04	1			.14

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18-28 18-32b								.10	.16		Oi				.14	.01		.06	.04	.01						47	.19			.93 .59
18-36	-		$\dashv$				-	.27 .01	.60	.02	-					.10										.01	.16	-		1.13
18-55						.01		.01	.10		.01	.02 .01	.01						.10	.01 .01							.01			.26
18-584								.35	.20	.11		.01								.01							.60			1.17
18-65	.01	.02			.01				.07		.01	.03							.13	.02		_	_	_			.02			.31
18-72 b	.03	.01	.01	.oı	.01	.0.1		.01	.05	.01	.02 .07	.05								.01							.02			.19
18-75	.01	.05	.01		.01			.14	.06	.01	.02	.06	.01		_					.06							.04			47
18-76 18-86b	.01	.05	.01			.01		.14	.09	.01	.07 .01	.05							.02	10.				_		_	_			.71
18-92 b	.06	.01	.1 5					.15	.04	.07		.07	.03						25			.01	.05							.59
19-6									.01	.01	.01							_	.82	.51		.45	.06	.08						1.93
19-9 b 19-13								.01	.0 I .0 I	.02	.01						.02		.34	.33		.08	.09	.01						.86
19-15 b. 19-18								.01	.03	.01	.01								.23	.01 1.06		.24	.02							.31
19-19								.01	.01	.01	.0 1			-		.04	.01		.81	.27		.60	.05							.62
19-24 c. 19-36 b								.01	.08	.0 I .08	.01					.02	.01		.13	.01			.01							.27
19-39 b								.01	.10	.09		.01				.01	.01		.03	.28		.02	.17	.01		.01	.25			.51 .64
19-44 b	-				-		-	.0.1	.02	.07	.01					.25	.02		.17	.03		.01	.01	.01		.02	.20			.60
19-63								10.	.40	23	.01	.02	.01		.01		.01			.62		.09	.02	.01		.02	.02			1.44
19-70		.01	.03			.01		.01	.86	.08	.01	.01	.08							.05		.04	.01				.08			1.24
20-6 20-10b								.01	.03	.04	.01		-			.01			.04	.02		.0 I							_	.15
20-17									.15	.16			.01				.37		.37	.11		.01	.02							.83
22-3c 22-7	.01	.01						.16	.06		.06	.01							.04	.02		.01								.36
22-9	.02	.02			.01	.04		.02	.01		.08	.03	.01		_					.02							_			.22
22-19	.03	-02		_					.93		.06	.02	.51		_			_	56	.02			.01							.5.7
23-4 23-14	.05	.03	.01	.01	.05	.01		1 7 .07	.02		.01	.08	.01		.01	.01	.01			.01										.40
23-17b	.04	.02	.02	.01	.02	.01		.19	.01	.03	.02	.11	.01		.01					.01		.01								.50
23-18	.04 .05	.02	.02	.01	.01	.01 20. 10.		.37	.01	.03	.01	.10	.01			.01						.02								.68
23-22 23-25 b	.04	.07	.02	.10	.11	.01		.01	.07	.06	.02	.03 .61	.04			.01											1.18			<u>.60</u> ↓.1 8
23-27 23-36	.01	.07	.03	.01	.15	.07		.07	.02	.18	.02	.48	.05			_		_	_				.02		_	_	1.18			1.18
23-41	.05	.03	.03	.01	.59	.03		.01	.53	.07	.04	.08	.01 .02 .02			.01	.01			.01 .53		.03	.04							1.02
24-13 24-18 b . 24-23			.03					.02	.13	.62		.01	.02		.01					.01		.01								.28
24-24	.01	.01	.03		.01			.32	.03	.02	.01	.03	.03							.01		.01								.50
24-25 24-27 25-4			.01	.01	.01			.13	.18	.01 .06 .39	.01	.01	.05 .01		.01					.06		.16								41 64 78
25-8								.01	.07	.30	.04											.01								.43
25-11 25-14						.02		.12	.09	.66	0.0	0.	.03		0.1					0.		.52	.02				0.1			1.05
\$-2 \$-6						.01		.01	.86	.08	.02	.01	.01		.01				٥.	.01		.06					.01			.51
S-13 26-3	.09	.11	.09					.01	.63	.22	.03	7.5	.01			.07			.01	.60		.02	.10				.02			.55
27-3	.01	.10	.02	.03	.25	.07		.07	.01	.08	.05	.35	.05		.01					.04			.02							.90 .92
27-7	.01	.07 .09	.09	.01	.04	.35		.01	.05	.01	.03	.02	.11		.01	0.7	CA						.01							.68
27-17b	.07	.06	.06	.01	.35	.85		.02	.02	.07	.02	.11	.05			.07	.04						.03							1.15
27-20 27-21	.04	.07	.04	.01	.31	.57	_	.01	.02	.18	10.	.24	.06				.04					$\dashv$	0.1	-						1.35
27-22 27-25 b	.05	.05	.12	.03	.04	.27		.02	.06	.09	.09	.04	.42			.02	.02		.01				.01	.02						1.33 .72
27-31	.07	.06	.05	.01	.30	.21			.03	.04 .01	.02	.05	.17			.03	.04		.01				.03							1.07
27-40	.03	.08	.06	.01	.01	.01					.06	.01				.34	.01						.18	.01						.81

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5-2 5-3 8-51								.01	.01										.01	.01				.01		.03 .02
9-11 9-13¢ 9-15								.01	.01																	.02 .01
9-17 13-51 13-86	-	_	_	_	_	_	_	.01	_	_	_	_		-	-	_	_	_	_	_	 .01	-	_	-		.01
14-86b 14-88 15-4								.01																		.01
15-5c 16-28		.01						.01																		10.
16-32 16-40 16-43b		.01																								.01 1 0. 1 0.
17-33 17-38 17-43 b	.02																							10.		.01 .04

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17-52b		.01									}	.01	.01															.01				.01 .03
17-56		.01											-51					.01										.01				.01
17-64 17-66b 17-67			.01		_													.01										.01			_	.01
17-82	١٥.		.01															.02	١٥.							.01		.01				.01 .05
17-85 17-86b.															_			.01	.01							.01		.01				.03
17-92 . 17-95		.01 .01					<u> </u>										_					_		-								01
18-4		10.																				ļ		.01								.01
18-15						-	<b>†</b>	.01							-									.01								.01
18-28	0.2					ļ	ļ	.01	.01	-			_											01								.01 .01
18-50 18-55 18-56	.02	.01						.01																.01			.01	.01				.04
18-58d	.07																							.01								.07
18-65	.60	.01 .01			.01	-	├		-	<u> </u>	-												.01			.01						.63
18-72b	.75				.02																									•		.77
18-75	.52	.08	.01	_	_	_		*.58		.01	.01		.01											.01								a.65
18-86b	.12	.24	.01			-	-			-												-	.OL									.38
19-4 19-6									.01																							.01
19-8 19-9b			.01					.01	.01																							.02 .01
19-36b			.01			-		-	.01	<u> </u>	.01	.01							-	.01						-						.02
19-63	.05 .54	.01				ļ			.01	_م_															.01							.07 .56
19-70	.11 .70	.09	.01								.02														١٥.							.14 .80
20-10b						-	-		ΩI	1	.01	-	-											-		-						.01
20-18 22-3c							<u> </u>		.01		.01																.01	_0_				.02
22-7			.01		.01													.01								.01	.01	.02				.05 .02
22-17							-																				.01	.01				.01
22-29 23-4 23-14		.01 .08								10.	.01										.18		.02					.03				.03 .01
23-J7b . 23-18		.08		.01						5,	.01		.01							.01	.10		.02				.02	.01				.05
23-19		.01 .01									.01															.01		.01				.03
23-25b 23-27										-	01				-		.01					-	-		_		-	.01				.02
23-36 23-41									.01	.01	.01							.02									.01 .01	.02				.02
24-2 24-18b	.11	.01 .30	.01					.01																								.14
24-23	.01	23	.03							1							_	_				_										.34
24-25		.43	.07 .06							.01	.01	.01	_						.08	.45	.32 .01	_	_									1.30
25-4 25-6 25-11	.04 .04 .01	.10 .16	.03 .04 .06									.01 .01								.01	.01 .30							.01				.17
25-14	.23	.03	.05	ا0	.01											.01				.0.	.01											.54 .10 .27
S-6 S-13	.25	.02	ΩI		.01																	-	$\dashv$							-		.13
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27-5		.02	.26	.01						.01	.01	.02																.02				.06 .29
27-17b 27-18b										-01	-01							.02	.01	.01	.01							.02				.07
27-20			.01										.01						.01													.01
27-25b 27-36		.02								.01	.01 .01							.01	.01 .02	0.1												.05
27-40							l	-											.02	.01	!							_		1		_03_
															JUNE	3, 19	941															
1-11c 1-19	.01	.01	.01	.01	.01	.01		.01	.14	.12	.09.						.02	.04	.02	.02	.01		.01	.15	.06	.16						.49 .42
1-22 1-24b						-	-						.01			.01 .01	.03	.03 .02	.02	.04	.01	-	.04	.11	.07	.04					-	.99
1-28													.03			10. 10.	.02 .05	.03	.01 .02	.01 .03			.01	.18	.13 .09	.05						.45
1-42													.01 .01			.01 .03	.01 .04	.03 .03	.03	.01	.01		.06	.14	.44	.01						.76 .65
2-10						-							.01_			.02	.02	.02	.01 .01			$\dashv$	.05	.15	.09	.03						.51
2-13													.01			.02 .01	.02	.01	.01		.01		.04	.14	.11 .0L	.25						.60 .33
2-18c 2-23b													.01 .02			.02	.02 .03	.02 .02	.01				10.	.12	.03	.10 .17,						.46
2-24 2-26b													.01			.01	.02	.02			.01		.01	.13	.06	.01						.32
2-29b 3-3b												.01	.05 .01			.03 .03	.04	.01	.01	0.7			.01	.10	.04	.10						.36
5-2 5-3	.01	.01										.01 .02	.01			.01	.01	.02	.14	.05	.20		.13	.06				.03				.67
_5-11c J		_				<u></u>				1			.02	L	L	.03	.04	.02	.09	.03	.13		.05	1		لسبا	لـــا					41

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JUNE 3, 1941 5-14 c 5-24 b .01 .0 .01 .03 .08 .07 .01 .04 .57 .59 .71 .70 .66 02 06 01 .04 04 29 5-26 5-28 5-29 .01 .03 .05 .36 .35 .32 .06 .08 .1 0 .01 .02 .05 .03 .02 .02 5-41 34 51 4C 28 28 20 21 5-42 5-43 b .03 .03 .05 .07 .02 .03 .02 .03 .05 5-44 .05 .02 .05 .02 .01 .04 .01 .03 .04 .03 .03 .01 .02 .01 .01 .01 .02 .05 5-47 5-501 .03 .01 .03 5-51 5-58b 5-59 6-7 .05 .01 .19 .22 .14 .04 .05 .01 .0 .01 .03 .01 .01 .05 ١٥. .04 ١٥. .02 .02 .03 .01 .02 .02 .01 .01 .04 .01 .02 .26 .01 1,33 01 .01 .04 .04 .15 .76 .06 .09 6-24 .01 .06 .04 .05 .02 .03 .02 .02 .01 .01 .01 .03 .03 1 O. 1 O. .02 22 .45 Ω .02 .01 6-36 6-38c .03 .05 .02 .01 .01 10 .08 .28 .01 .59 .42 .56 .26 .22 .23 .03 .04 6-40 6-44 6-49 .01 .05 .05 .03 .01 .02 28 .04 .04 .04 .01 .04 .01 .01 .01 .02 .05 6-53 6-56 c .09 04 .02 .01 .01 03 .04 .01 .0 .02 .01 .02 .02 25 29 25 W-8 Ö. ١٥. .01 .01 W-9 W-12b W-13 .01 .04 .01 .03 .02 .01 .01 .10 05 .02 01 .04 .35 .38 .29 .01 .03 .03 .05 7-2c 7-3b 7-5b .01 .03 .04 .03 .03 .02 .01 .03 .08 .01 .01 .03 .01 .02 .02 .03 7-9b 7-21 .02 .13 .07 25 .02 .02 .01 .01 .01 .04 .03 .04 .01 .01 7-21 7-23 7-24c 7-39 7-40c 7-41 7-42 .01 .08 .03 .01 .08 .06 .07 01 .19 .01 .04 .02 .05 .02 .02 .01 .01 .01 .14 .02 7-42 7-44 7-46 7-51 b 7-53c 7-61 7-63 .01 .01 .04 .03 .02 .01 .03 .04 .11 .03 .01 .05 .01 .01 .03 .07 .03 .02 .01 01 .05 15 .01 .01 .01 .15 .03 .02 .03 .04 7-64 7-65 7-69b .02 .o .05 .01 .11 .01 .01 .02 .03 .03 .01 .01 8-2 .01 .01 8-12 8-13 b 8-16 .01 .02 .02 .03 ,01 .07 27 .04 04 .01 .01 38 27 24 .02 .03 .01 .02 .04 .04 .12 .01 .02 .01 .01 8-25 8-27b .02 .1 1 .05 .03 .80. 02 .Ο Ι .01 01 .0 .01 8-28 .01 .01 .01 .02 .02 .01 .01 .16 .17 .02 .01 01 .06 8-36 8-39 .01 .01 .01 .02 .04 .02 .04 12 .15 .02 .01 .02 .01 .07 8-40 .01 .18 .08 .01 8:51 .28 .02 50 .03 .01 .04 .07 .07 .02 .04 .03 .03 .33 .38 .20 .01 .20 .01 .14 .02 Q5 .01 8-615 .02 .02 8-68 9-11 9-13 9-15 9-17 .01 .07 .22 .05 .03 45 .45 .34 .58 .02 .02 .01 .C I ,O I .02 .03 .02 ١٥. .01 .01 .01 .01 .03 .01 .01 .02 .01 .21 .11 .02 .0 9-17 10-21 MV-6b MV-7b MV-8b MV-9e 11-7b .01 .01 .01 .06 .04 .01 .01 .01 .01 .01 .01 .03 .43 .43 02 .03 .02 .05 01 .09 .04 .03 .03 .02 .07 .06 .03 .01 .03 29 .01 .01 .1 4 .1 <u>6</u> .01 .04 .04 .02 ١٥. .0 .01 .01 10. .02 .02 11-14 .01 .01 ,01 .03 .01 | |-|9b | |-2|b | |-27 .01 .01 .01 .02 .08 .02 .02 .01 .03 .04 .01 .04 .02 .03 .03 36 26 28 .02 .01 .01 .02 .02 .01 .01 .01 .02 .01 .01 05 11-33 .08 .23 .55 .82 .54 .04 .01 .05 10 .04 .06 .04 .06 .06 .04 .03 .02 .01 .05 .29 .03 .01 .04 1 1-50 .07 .03 .03 .03 .02 .04 #02 .38 .01 .07 .12 1 1-53 1 1-55 b 1 1-73 b 04 .01 .08 .03 .03 .65 .57 .95 .01 .01 10 03 04 .04 08 .11 .03 .16 .07 .08 .06 .05 .09 .01 .01 .01 .07 .01 01 .01 .02 .02 .02 .15 11-76h .01 ..09 .13 .08 .10 | 1-86b |2-18 |2-29 .12 ٥6 .10 .03 .43 .08 .10 .07 .17 1.51 .07 .16 30 22 .02 .04 .03 .01 .01 .01 12-40 12-47 12-51 12-54 12-57 .08 .03 .07 .04 .01 .03 .02 .03 .03 .03 .01 .04 .01 .03 .02 .01 .03 .01 .03 .09 .05 .01 .01 .01 .06 01 .01 0.0 .01 .01 .01 .02 .09 .01 .01 06 03 .02 .04 .07 .03 .69 .83 1.08 12-61 08 0 .02 .01 .12 .16 .01 .03 .04 .01 .05 .04 .16 .18 .17 .01 .01 .05 .01 .02 .05 13-19 .03 .03 .04 .02 .06 .0.1 .14 .14 .05 .10 .15 05 .04 .02 .03 .03 .14 .02 .08 .04 .04 .76 .01 .01 .13 .15 13-40 13-51 13-52 b .01 .04 .02 .06 .05 .05 .08 .01 .08 .07 .08 .83 87 .15 .04 .02 .13 .03 .01 .01 .11 .08 .01 .07 .02 .01

PM A M 2 3 4 5 4 5 6 7 8 9 10 11 12 Tatal Sta Na 9 1 2 3 8 10 11 12 JUNE 3, 1941 .02 .13 .05 .07 .05 .08 .07 .02 .02 .04 .01 .06 .09 .08 .56 .62 .85 13-59 .01 .02 .06 .01 .01 .07 .08 .18 .04 .15 06 04 .06 13-69 .09 .01 .01 .07 .09 .03 .05 .02 .04 .19 .12 .14 .04 13-75 .15 .09 .04 .37 1.30 .04 .10 .03 .05 .10 .07 01 .03 .01 .07 .03 .21 .03 M G-3 .01 .09 .05 .61 .09 .02 .01 .06 .18 ΙΟ. ΙΩ. .04 RO .06 .08 02 0.2 O. 04 .07 .07 .13 ΩI M G-6 M G-7b .07 .08 .01 .03 .01 .04 .29 .12 .01 .04 .07 .05 .91 .10 .01 M C-106 .01 04 .01 .29 .07 .02 .14 .06 .05 1.04 .03 .06 .02 .20 M C-13 .15 .06 .09 .09 .07 .98 .01 .01 .03 .06 M G-14 .02 .08 14-00 .08 .05 .01 .01 .1.5 .01 .04 .12 .01 .01 .52 .01 .05 .06 .15 .26 .29 .03 .04 .04 .02 .07 .01 .03 .01 .01 .01 .02 .05 14-6 .01 .03 .01 .03 .01 .02 .01 .03 .01 .08 .09 14-22 .01 .02 .03 .01 .08 .01 .05 .05 .OR .36 .01 .01 .01 .04 .04 .06 .08 .01 .01 4-25 .51 .35 .45 4-26 .01 .04 .05 .04 .01 .01 .07 .09 .17 ΩI .01 .03 .08 .02 .01 .01 .02 .15 .01 .03 4-30b .01 .02 .06 10. .01 .02 .01 .66 .53 .70 .63 .06 .01 .01 02 .03 .19 .01 .01 .13 .05 ΟI .08 .27 4-46b .01 .03 .02 .19 .04 .08 .01 .10 .01 .03 .06 .07 .01 .01 .01 .01 .02 .03 14-58b .0 .01 O1 .02 .03 .ΩI .02 .01 .02 .05 .08 .01 .02 .01 41 .01 .09 .01 .02 14-63b .05 .03 ١٥. .01 .02 .04 .01 .13 .55 .01 4-64 .02 14-66 .0 5 .1 0 .1 L .04 .02 .01 .01 .02 .01 10. 0.5 .01 .09 .02 02 .32 .45 .03 .02 .02 .04 .07 .01 .01 .03 14-78c .0 .01 .1.0 59 .QI .01 14-83b 14-85 14-86b .30 .05 .03 .01 .OI .02 .15 .05 .02 .01 .06 .01 .02 .01 .06 .10 .05 .01 ΩI .04 .02 .01 .01 02 .06 .49 14-88 Ω١ .01 .10 .06 .02 .03 .03 .13 .04 .05 .01 .06 .01 .03 .53 .01 .02 .01 .04 .02 .01 .01 .01 ١٥. .02 01 .02 ,06 10. 10. .0.3 15-5c O. 10. 15-7 .01 .01 .02 .06 .03 .01 .01 .05 .04 .05 .25 .01 .01 .01 .04 .01 .01 ΩI OB. 0.3 .03 .01 .01 .02 .05 .28 45 .02 .01 .01 15-23c .01 .01 .03 .05 # 19 .01 .01 5-24c .02 .02 .03 5-25 .02 .04 .01 .02 .01 Ω5 .03 .03 .02 .25 .02 .03 .03 .03 .01 .01 .02 .01 .01 .01 .01 .04 .02 .28 .01 .01 .44 .04 .03 15-33 .01 .01 .01 .01 .02 .06 .01 .02 .04 .16 .08 .02 .04 .01 .01 .02 .01 .01 .05 .05 .01 .08 .02 .01 15-42 10 .01 .01 .01 .01 10. 10. .04 | 5-45 | 6-3 .01 .01 .05 .03 .06 .02 .02 .02 .02 .01 .05 Ω2 .28 .01 OI .01 ١٥. .02 20 .01 .02 6-9 .01 .01 .01 .06 .02 .07 .04 .04 .01 .30 16-16 .02 OΙ ΩI .05 .04 02 04 02 04 .05 .01 .02 .02 .05 .36 .36 .42 .03 .03 .02 .04 6-20 .05 .07 .02 .07 .02 .01 :02 .02 .02 .01 ο. .01 .01 .01 .07 .09 .02 .03 .01 .02 .02 .04 .07 .08 .06 .05 .03 .05 6-28 .0 0 .03 .03 .07 .02 .01 .06 .09 .01 .03 .40 .01 .01 .01 6-32 .01 10. .02 .01 10. .48 16-40 .02 .03 .09 .08 .02 .0 .03 .05 .08 .06 .05 .02 .02 08 .02 .13 .03 .11 .09 .01 .01 .05 .06 .09 .09 .01 .09 .01 .64 1.45 17-6b .01 01 .03 10 04 10 .16 .01 1.49 .09 .08 .04 .05 .07 .08 .03 .06 .11 1.28 1.60 1.01 .03 .02 | 7-|6 | 7-|7 .01 .02 .26 .06 .07 .01 .30 .05 .08 .18 .02 .01 .01 ١٥. .01 10. .01 17-22 .13 1.42 1.50 1.24 1.35 2.51 .01 .01 .25 .01 .01 10. .02 .07 .13 .10 .05 .26 .13 .01 .06 .11 .08 .42 .05 .19 .19 7-38 .01 .06 Ω9 .13 17-43b .01 .05 .07 .06 .19 .03 .10 .02 17-45 17-52b 17-56 .01 .02 .06 .06 .04 .08 .07 .08 .05 .05 .01 .43 .52 .25 .53 .01 .05 ١٥. .01 .01 .01 .03 ΩI 0 .04 .03 1.7 22 .27 ١٥. 1.51 .09 .16 .08 .06 .23 .25 .07 .12 .04 .23 .02 .03 .06 .43 17-62 ΩĪ .02 .02 .02 .01 .01 .01 .03 .25 .01 .38 .30 .38 .07 .01 ١٥. .01 ,QI 17-66b .08 .02 .40 .29 .15 1.75 17-67 17-82 17-85 .01 .04 .03 .01 .01 .01 .08 .10 .02 .05 .08 .OI 01 .01 .12 .09 .08 .12 .30 .20 .01 1.62 1.45 2.58 .02 .02 .30 ١٥. .01 .08 .29 .26 36 .01 .03 .04 .02 .08 .08 .09 .10 .08 .03 .16 .03 .19 .51 2.03 1.66 1.13 .01 .12 17-86b .01 .03 .01 .23 .30 .01 .42 . 35 .01 .09 .04 .02 .01 .04 .06 .01 OI 8-11 .01 ΩI .14 .18 .06 ,19 .02 .04 .20 .37 .11 .05 .07 .03 .15 .24 .09 1.26 .01 .01 .01 .01 .01 10. .06 .06 .02 .02 .75 .05 .19 .02 18-15 .05 .08 .01 .08 .07 .oa .95 .01 10. .01 10. .02 .01 .04 .08 .03 .79 .77 1.39 .01 .01 .04 .05 .15 .01 .04 .02 .02 .05 .09 .07 18-32b .01 .02 01 .19 .09 .05 .07 42 .07 .02 .08 .02 .07 .20 .02 8-36 8-50 .01 .01 .01 .03 .01 .01 .05 .07 .06 .13 .05 .05 .05 .15 .03 .07 .01 .07 .02 .02 .02 .10 .04 .72 ١٥. ١٥. .04 .02 .04 .01 .05 .01 .04 .19 .06 .05 .09 .06 .02 .01 .01 .03 .03 .63 8-56 .02 .07 .01 .07 .09 .03 .94 .93 .95 .01 .01 .01 .06 .04 .10 .05 8-58d .02 .02 .01 .01 .04 .02 .01 .05 .01 .05 .07 .13 .07 8-64 .01 10. .06 .08 .18 .06 .01 .06 .01 .01 .04 .08 .05 .07 .07 .01 .07 .0 .09 .01 .01 .01 .15 .04 .08 .12 .09 1.05 .01 .05 10. 10. .04 8-73b .01 .02 .03 .12 .07 .27 12 .04 .03 .08 .03 1.15 18-75 18-76 18-86b .01 .29 .0 .07 .10 .04 .18 .06 .06 .08 .01 .04 .01 .07 1.18 .07 .01 .23 .03 .04 .05 .21 .07 .07 .05 .02 .02 .01 .08 1.17 .04 .07 .08 .14 .14 .06 .01 .01 .03 .07 .01 .08 18-92h 19-4 19-6 .03 .07 ,09 10 .24 J. .01 .03 10. .02 1.23 .01 .01 .01 .01 .01 .01 .03 .03 .01 .08 .08 .07 .08 .01 .01 .02 .01

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-9b. -15b. -18					.01	.01		02	.O I	.01	.07	.16	.03 .03		.04	.01	.08	.01 .10 .02	.04		.04	.08 .05		.01	.01	.03		
-19				.01	.02	.01			.0 I .0 I		.04	.21	.05		.03	.02 .03	.07	.03	.02		.04	.04	.01		.02	.11		T
-24 c -36 b .		.01	.01	.01	.01	.01		01	.01	.02	.03	.09	.04		.04	.01	.08	.03	.01	.01		.06		.03	.01	.02		+
-39 b . -42 d -44 b .		.01	.01	.05	.02 .04	.01		01	.03	.01	.07	.16	.03		.05	.09	.10	.07 .03	.02		-	.01		.01		.08	-	+
-48 -63		.01	.01	Ω3	.02	.01		0.1	.05 .08	.03 .02	25 .03	.08	.04		.08	.07	.05	.02	.01		.01	.08	.02	.05	.01	06		_
-67 -70 -74			.04	.03 .01 .02	.04 .01 .07	.01		05 02 20	.20	.03	.16	.09	.06		.05	.10	.04 .02	.02					.03	.01	.0 I	.03		
-10b.			.01	.01 20	.01	.01			.01	.01	.09	.12	.14		.07	.20	.18	.03 .04	.02				.04	.03 .04 .02	.01	.06		1
-18 -3 c	.01	.01	.0 I .0 6	.01	.03	.01		02	.05 .01	.17	.01	.04			.04	.16	.07	.02	.01	.02	+	.01	.04	.04	.02	.01	-	+
-7 <u>-17</u> -18	.01	.01 .01	.06 .04 .05	.10	.05 .07	.01 .03		01	.07 .03	.13	.1.5	.19	1.1.1		.20	.02	.05		.05	.01		.05	.08	.05	.01		-	+
-29 -4	.04	.02	.06	.15	.25	.03		04	SQ	.16		.05			.18	.22 .02 .14	.03 .03	10.		.01		.01	.03 .06 .08	.01	.01	.06		
-8 -14	10.	.03	.01	.24	.19	.15		-[	.01	.06	.13	.42	.30		.10	28	.07	.01	-	-	-	.07	.07	.04	-	.01		
-17b -18 -19	.02	.02 .03	.05 .02 .06	.59	.30 .20 .16	.09 .15 .16		01	.03	.06		.2] .47 .50	.03		.17	.06 48 .53			.01		-		.05	.05		.01		+
-22 -25 b	.01	.01 .01	.08 .09	.33	.14	.13		01	.03	.11	.22	.56	.08		1.25	.39	.01	.01	.02			.09	.08	.Õ.i		.01		+
-27 -36	01	01	.13	.10	.30	.14		.01	.07	.12	.49	.29	.03		.44	.60	.01	.01	.04			.18	.08	.03 .02				$\perp$
-41 -2 -18 b	.01	.21 .01 .02	.07 .01	.30	.01 .05	.07 .03 .05		01	.17 .08 .01	.04		.05 .05	.14		.47 .12 .22	.21 .22 .09	.09 .24 .03	.06	.30	.01	.01	.04	.01	.05	.05	.01		
-23 -24		.01	.01	.02	.06	.09 .05		03	.03	.02	.08	.18	.14		.35	.21	.07	.06			.01	.02	.01 .05	.06 .06	.04	.02		
-25 -27		.01	01	.06 .05	.07	.07		01 03	.01	.02 .03	.10				.16	.36	.25	.03	0.1			.03	.02	.06	0.1			+
-4 -6 -11		.01	.01 .02 .03	.02 .03	.04	.01 .04		02 05 06	.06	.02 .01	0.6				.28	.22 .20	.14	.11 .02	.01	.01		.06	.02	.03 .06	.01	.01		+
-14 -2		.01	آ ۾	.04	.04	.15		02	.08 .06	.03	.06	.16	.26		.05	.19	.54	.17		.01	.01		*.02	.05	.01	_		
-6 -13	.01		.0 I .0 I .27	.03 .01	.05 .05	.03		02 01	.01	.04	.07	.12	.13		.32	.17	.02	.02	0.4	04		.22	.02	.03		.01		
-3 -5 -9		01	.32	.09	.11	.11		01	.06 .05	.01 80	.35	.29 .04 .45	.06		.31	.12	.08	.01	.04 .04	.04	.01	.20	.05 .09	.26		.18		+
-17 -18b	-	.10	.13	.18	.11	.07		0 I 0 I	.17	.05	.43	.01	.05		.35	.16	.16	10. 10.	.26	.06	.03	.61	.14	.01		.05		+
-20		02	.20	.06	.09	.24		04	.08	.12	.53	.08	.02		.24	.20	.44	.01	.04	.06	.16	.02	.08	.07		.06		$\perp$
-22 -25 b -3 l		.01 .27	.63 .03	.06 .13 .06	.18	.13 .07		.04 .01 .06	.16 .18 .07	.05 .04			.36		.10	.24 16 .21	.38 .09 .45		.42 .01	.10	.05 .08 .05	.05	.21 .13 .46	.09	.01	.05 .05		
-36 -40	.09	24	.18	.05 .15	.09	.22		08	.02	.13		.33	.02		.06	.18	.02	.06	.02	.08 .01	.01	.14	.13	.04 .01		.09 .01		
-1:0		.01	91	.02	.01	0.1			.03	.12	.04	.36	.14	JUNE 4	.01													Τ"
-19 -22 -24b	.01	.03 .02	.06	.01	.02	.01		01	.01	.03	.08 .31	.01	.03		-												-	+
- 28 -30		.03	.01 .06	.02	.01			01	.05 .01	.03 .20	.08	.01	.35 .02		.03							.01					-	-
-42 -48 -8b	.15	.02 .01	.03 .01 .01	.03	.01 .03 .01	.01		01	.O I	.08		.01	.1.6		.15	.01	.01	.07										
-10 -13			.03 .02	.01	.03			01		.08	.03	.01			.09	.01				0.1								
-16 -18c -23b	.04	10.	.02	.01	.05 .05	.01		1		.01	.41 .15	.01	.01 .05		.14	.01	.01	.01 .12 .01	.05	.01				10.				+
-24		.01	.03 .01		.04	.50		+		.04	.02	.01	.02						.04									+
-26 b .	.01	.03	.03		.09 .05	03			.02	.06	.08	.09			.53	.02 .02	.01	.01	.09	.01			.01	.01				-
-26 b . -29 b . -3 b	.27	.16	.03 .04 .06		.01	1 0.				.03 .05	.04	.01					.01	.01			.01			.01		.01		
-26b. -29b. -3b -2 -11c.	.06	20	.03 .04	.01		.04	- 1	04		.39	.02	.03					.01	.01	.01	.01								
-26 b -29 b -3 b -2 -1   c -14 c -24 b -26	.06 .09 .03	.06	.05		.01	.02	.0	06		.30 .08	.01 .02 .10	.02			.01	.05	.01 .01	.01	.01									1
-26 b29 b3 b2 -11 c14 c24 b262829	.06 .09 .03 .03 .01	.06	.04 .02		.01	١ ٥.		01	.01	.05	.10	20.	.01		-	.01	.05	.01	-								+	+
-26 b29 b3 b2 c14 c24 b2628294142	.06 .09 .03 .03	.06	.02 .02	.01			.(	02	.01	.02	.05 .05	.10	-		10.	.01	.10.	.05			.01				_			+
-26 b29 b3 b2	06 09 03 03 01 02 01	.06 .07 .04 .02 .03 .04	.02 .02	.0 I 1 O.	.01	.01						1			.02	.20 .13 .06	.09	.01	.01									
-26 b -29 b -3 b -2 -1 i c -14 c -24 b -26 -28 -29 -41 -42 -43 b -43 b -45 i -47 -50 b	06 09 03 03 01 02 01	.06 .07 .04 .02 .03	.02			.01		01		.05 .15	06	.01	Q.I		01													
-26 b -29 b -3 b -1 i c -1 i c -24 b -26 -28 -29 -41 -42 -43 b -47 -50 b -51 -58 b	.06 .09 .03 .03 .01 .01 .01	.06 .07 .04 .02 .03 .04 .04	.02 .02 .02 .01 .01	.01	.01					.15 .08 .14 .27	06	.01 .02			01	10.	.02 .03	.07										-
-26 b -29 b -3 b -2 -1 i c -1 i c -24 b -26 -28 -41 -42 -43 b -44 -50 b -51 -58 b -59 -7	.06 .09 .03 .03 .01 .01 .01 .01 .02 .01 .03 .01 .01	.06 .07 .04 .02 .03 .04 .03 .02 .01	.02 .02 .02 .01 .01		.01	.01			.06	.15 .08 .14 .27 .01	.06 .03 .13 .10	.02			01		.03	.04	.01									
-26b29b3b2-1ic14c24b26-2829414243b43b5158b5158b782024475032.	.06 .09 .03 .03 .01 .01 .01	.06 .07 .04 .02 .03 .04 .03 .02 .01	.02 .02 .02 .01 .01 .01 .08 .03	.01	.01	.01		23	.36	.15 .08 .14 .27 .01 .03 .05	.03 .13 .10	.02			01	10.	.02		.01	_		_	_		_	_		
-26 b b -26 i -2 c -2	.06 .09 .03 .03 .01 .01 .01 .01 .02 .01 .03 .01 .01	.06 .07 .04 .02 .03 .04 .04 .03 .02 .01	.02 .02 .02 .01 .01 .01 .08 .03	.01	.01	.01		01	.36	.15 .08 .14 .27 .01	.03 .13 .10	.02	.17			10.	.03	.04		_	_	_	_		_	_		

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PM 10 11 12 Totol 7 9 1 2 3 4 5 6 Sta No 8 9 10 11 12 JUNE 4,1941 .42 .30 .31 .02 .19 .01 .0 1 .03 .06 .03 .02 .02 .08 .01 6-49 .01 .01 .02 .01 .01 .01 .01 io .50 .45 .53 .01 .0 I .02 .08 .05 .01 .01 .03 20 .02 1 0. 1-W 8-W .04 .0 1 w-9 0.1 0.2 0.2 24 .02 .08 .03 04 .0 I .0 01 .01 .10 .10 .56 .02 .0 .03 02 .0 1 .08 .29 .0 1 .05 .01 .02 .02 .22 .20 .14 .01 .01 .02 .09 .01 02 .0 I .01 .03 .01 7-9 b .02 7-21 7-23 7-24 .01 .02 .01 .12 .06 .05 .03 .04 .05 .09 .05 .02 .01 .02 .15 .0 1 .02 .66 .0 I .0 I 10. .01 .04 .02 .02 .04 .02 .02 .03 7-39 7-40 c .01 .01 .01 .03 .05 .24 .24 .14 .01 78 .01 .10 Ω .02 .31 .01 .0 07 7-42 7-44 7-46 .0 I .0 I .01 .01 .0 1 .48 .56 .85 .03 .01 .01 .04 .0 I .0 I .07 .02 .03 .05 .01 .07 .17 .06 .21 .01 .01 .01 .03 .09 24 28 .04 0.1 .02 .03 .13 .01 .03 .58 7-51 b 7-53 c .01 .0 .0 .0 I .26 .21 .06 .09 .02 .0 1 .01 .01 .19 0 7-61 .51 1.10 .88 .01 7-63 7-64 01 .01 .02 .01 .0 I .01 .02 .01 7-65 .36 .13 .03 .03 .03 .14 .1.1 .02 .37 .08 .92 1.94 1.62 .01 .03 .05 .02 02 .87 .26 .03 7-69 b 8-2 .10 .01 ١٥. 10. .01 .01 .05 .03 .01 8-12 .15 40 .01 .0 I .03 .02 .01 .05 .09 .08 .02 .01 .02 .01 .06 .01 .08 .02 .41 95 .01 .01 .10 8-25 .04 8-27 b 8-28 8-34 .12 .15 .32 .35 .73 .01 .02 .02 .04 .0 1 .0 I .19 .18 .01 .01 1.15 1.30 10. 0.1 02 49 .0 .0.1 03 .02 .01 .01 .02 1.32 1.16 .0 I .0 I .01 8-36 8-39 .05 .02 .04 .03 .08 .21 .70 .0 I 10. .04 .06 .03 .20 13 .01 8-40 O. .26 .09 .04 02 Ω. 0 .04 .03 .10 .10 .57 .04 .25 1.11 .06 .93 .01 .02 .01 8-45 8-51 .01 .03 .30 .01 .01 .03 . 15 .02 .01 .01 .57 .37 .35 .44 .01 8-55b Ωi O.I .0.1 .02 .0.1 .08 .25 .03 .02 .10 .01 8-58 b 8-6 l b .01 ١٥. 05 .0.1 .01 .0. 8-68 .01 .0 I .01 .26 .02 .07 .02 .06 .01 .16 .10 .03 .23 .10 .10 .64 .11 .39 .08 .10 .01 1.10 ١ ٥. .0 I .0 I .03 .04 .01 .0 1 .01 9-15 02 3.1 .02 .02 .08 .0 I .04 .33 .01 .01 .03 10. 10. 46 .22 .15 06 .01 .01 02 1.23 .01 .0 I I 0. .25 .01 69 .09 .11 MV-7-b .0 I .0 I .01 .0 I .08 .57 .01 .2 I .08 .02 .01 1.69 .78 MV-8 b MV-9 e .10 .01 68 67 73 .01 .07 .19 .01 .13 .20 02 .02 .02 11-7b .0 1 .02 1-19b .10 .0 1 .04 .04 07 25 .02 .02 .23 1-21b .01 .01 .01 .05 .1 I .02 .02 1.77 11-33 .36 .04 .74 1.45 1.08 1.58 .04 .06 .37 89 .01 .0 1 .07 .01 11-50 23 .41 12 .02 .75 .91 .48 1.30 1.30 .92 11-52 .03 ۱ ٥. .17 .09 .19 .13 .03 .08 81. 91. 80. .01 10. .02 .01 0.1 i-55b 1 1-73 b .03 .02 .70 .22 .12 .04 .30 .09 10. 10. 1.32 .0 1 1-86 b .0 Ω .03 .79 1.16 .0 I ωı .06 .06 .09 .0 1 .02 .27 .01 10. .02 .01 12-40 .02 .06 .01 ٥. .27 12-47 12-51 12-54 .01 .01 .08 .04 .02 .01 .18 .02 ۱ ٥. .04 ١ ٥. .0 .09 .05 .01 .46 49 12-57 .01 .10 .28 .10 80. .02 .01 .02 .0 1 03 .20 .01 .03 0.5 0 .55 .57 ١ ٥. .03 05 0 .02 13-19 13-23 ΩI .02 .92 .07 .02 .0 I 1.18 .11 .67 .07 .03 13-32 06 0.1 .02 .02 13-40 13-51 13-52 b .05 .02 .0 1 .07 .05 .31 .59 .05 .03 ۱ ٥. 1.19 .02 .0.1 .01 .02 1.15 .03 .06 .70 .04 .02 .20 .04 13-54 b 13-58 b 13-59 .03 .05 .03 .02 .03 .01 .34 .25 .25 .01 D I .09 .01 10. .98 1.57 .01 .01 .01 .16 .09 .02 .01 .62 .01 .01 1.08 .99 13-61 13-69 13-70 .04 .17 .58 .05 .05 .06 .02 .08 .02 .01 .01 .01 .01 .01 .01 .01 .08 .05 13-75 MG-2 .01 .09 .04 .0 I .0 I .04 .02 .02 .27 .60 .03 .01 .01 1.26 .05 .01 .01 .0.1 .01 .01 .07 .0 1 ۱ ٥. .81 .0 1 .01 1.03 .01 .02 .0 1 .01 .0 .07 10. 83 .02 .01 1.04 10 .02 .06 .0 MC-7 b .07 O. .02 .01 .09 .90 .04 .02 .02 MC-10b MC-13 .02 .60 .33 02 .03 .01 .01 .02 88. .04 .01 MC-14 .03 .0.1 .01 39 .43 .03 .04 .01 .09 1.06 .01 .04 .0 I I O. I O. .13 14-00 .01 .01 ۰0 10 .01 .03 .03 10. 10. ١٥. .10 .05 .0 I .06 01 .01 .52 .05 .47 .0 I .0 6 .0 8 .04 .2 I .02 14-6 .0 1 .01 .05 .01 .04 .06 .01 .0 1 .12 0 .0 I .0 I .02 .02 .01 .01 .03 01 .55 .55 .34 14-25 .0 I 1 O. ١٥. .0.1 .07 .26 .08 .03 .05 .01 20. .0 I I O. 10. .0 1 .01 .0.1 14-27 .01 14-28b .02 14-30b .01 14-34b .02 .10 .10 .01 .01 .01 01 .02 .08 .01 1 O. 1 O. .03 .17 .27 .17 .03 .01 .01 .58 .58 .05 .03 .01 .03 ١٥.

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Sio No 2 3 4 5 6 8 9 10 11 12 1 2 3 4 5 7 8 9 10 11 12 Total JUNE 4, 1941 14-46 b .01 .02 .02 .01 .05 .01 .01 .04 .06 .09 .65 .27 .10 .01 .01 .01 .01 .96 .72 .01 .01 .01 .05 14-62 c .04 .01 .05 .39 .01 01 .02 10. .07 .10 .01 .06 .25 .01 .0 .01 1.20 14-66 .1 4 .04 02 02 .63 .38 1.11 14-69 .01 .01 .01 .18 .01 .01 .01 .01 ١٥. .90 1.02 14-7B .01 .03 .01 .01 .04 .03 .42 .15 .02 10. .06 ,01 .02 .01 .03 .17 .07 ١٥. .08 .01 .01 .05 .30 .40 .16 .02 .01 .01 .01 01 .02 .01 .07 .01 81.18 14-86 b .03 .01 .02 .64 .75 .02 .01 .01 .02 10. 10. 10. 10. 14-88 .03 .01 .09 .01 .04 .05 .23 .01 .01 .04 .06 .18 .21 .05 .82 .48 .61 .04 .01 .01 .02 .20 .03 .03 .01 .01 .01 .03 .05 .01 .15 15-7 .02 .01 .01 .12 .03 01 .01 .01 .01 .01 .13 15-10 .02 .03 .01 .03 .02 .01 .01 .03 .04 15-23c .03 .02 .01 .01 .01 .01 .01 .08 .17 .04 .01 .03 .11 .03 .01 .01 .01 .58 \*.29 15-240 .01 .21 .05 .02 .01 .05 .01 .01 .01 .02 .65 ر٥. .01 .01 .02 .01 .02 .01 .01 .01 .01 15-26 21 .04 .07 10. 10. ١٥. .02 .01 64 82 15-30 .01 .06 .26 .01 .02 .03 .02 .05 .06 .02 .06 .10 ΩI .06 .19 .05 05 .03 .02 .01 .02 .01 .02 15-35 .04 .01 .04 .03 .05 .04 .08 .04 .03 .02 .01 .04 .78 .72 .77 .01 .04 .08 .03 15-39 .07 .20 .02 15-42 15-45 16-3 ١٥. 01 06 ١٥. .32 .02 .03 .02 .23 .45 .52 .01 .01 .03 .02 ١٥. .02 .01 .01 .59 .98 .04 ١٥. .01 .06 .08 .04 .06 .01 .01 .03 .01 .01 .01 .05 .02 .03 1.25 .06 16-B .02 .02 .02 .41 .05 .01 .06 .02 .03 .05 .01 .04 .03 .02 .01 .09 .62 .49 .19 .01 .03 .02 .06 .03 .05 .01 .01 .02 .09 .02 .01 .05 .31 .04 1.08 16-20 16-22 .02 .02 .02 .07 .01 .04 .01 .01 .02 31 .01 .21 .01 .04 .02 .01 .02 .01 .02 16-28 D2 .04 .02 .02 .02 .01 .01 .02 .03 .01 .07 .03 .10 .01 .01 .01 .01 .02 .02 .01 .50 .33 .17 .03 .03 .07 .02 .01 .01 .03 .65 .68 .63 16-31 .03 .02 .03 .01 .05 .01 .02 .02 .10 .01 .01 .01 .03 16-40 .05 .02 .30 16-43b .01 3.1 .07 .05 .02 .01 .15 .17 .03 .03 .04 .01 .24 .49 .01 1.45 ١٥. 52 27 17-6b .01 .02 .01 .01 .04 .01 .40 .12 .14 17-16 .05 .19 .43 .06 .19 1.14 .02 .02 17-22 .01 .01 .02 .04 .46 17-33 .16 .01 17-38 17-43b .02 .01 .03 .24 .19 .01 .02 .02 .01 .02 .11 .17 .32 .14 .01 .21 17-45 .02 .08 .02 .01 .01 .91 .18 .58 .15 17-52b 17-56 .05 .04 .01 .02 .01 .02 .01 .01 .01 .01 .02 .01 .02 .02 .01 .01 .27 .02 .01 17-62 .02 .01 .01 .02 .03 .01 .01 .01 .01 .07 17-64 17-66b .04 .02 .26 .47 .01 17-67 .03 05 .03 .01 .16 .03 .15 .01 .05 .01 .08 .05 .01 .01 .27 .23 17-82 17-85 .01 .08 .06 .02 .01 .03 .01 ΩI .01 .01 .01 .01 .02 17-86b .01 22 .44 .29 .03 .12 .06 17-92 .01 .01 .03 .01 ۵9 .01 .02 .01 .05 .QI 17-95 .01 .03 .18 01 .09 .01 .01 .68 .51 .39 .42 .19 .38 .02 .26 .02 .16 11-81 .01 .02 .02 .26 .01 .04 .01 .09 .04 .02 .01 .07 .01 ١٥. .08 ١٥. .24 .23 .07 .27 18-28 .02 10. .01 .02 .13 8-32b .01 05 .03 .01 18-36 .01 .05 .02 .02 .09 †.31 .01 .01 .01 .01 .01 18-55 18-56 .58 .04 .01 .02 .03 .40 .02 .05 .01 .01 .01 .04 .03 .02 .01 .03 .03 .32 48 .28 .03 .58 60 .43 18-58c 18-60 18-64 10. .02 ١٥. .09 .02 .01 0. .01 .01 .04 .02 .42 .05 10. .03 .1 J .01 18-65 .35 .01 .04 .53 .64 .76 .99 75 10. ٠٥, .03 .07 .05 .01 18-73b .01 .04 18 - 75 .01 .01 .01 .05 .45 .01 .02 .01 .01 .72 .06 .36 .12 18 -86 b 18 -92 b .01 .02 .10 .01 .06 .05 10. 10. 63 69 19-4 .02 .01 OI 06 ΩI .01 .03 .01 19-6 .01 .01 .03 .03 .35 .02 **#**01 .01 .03 .04 .05 .01 .01 .01 .57 .31 .24 19-95 .02 .01 .04 .01 .03 .02 .18 .01 .01 .01 .01 .01 .01 .10 .02 .03 .02 .02 .01 .01 .12 ١٥. .01 .03 .01 .01 .0 19-19 .02 .01 .0 .01 19-21 19-24 c 19-36 b 19-39 b .02 .01 .02 05 07 .10 .01 .01 0.3 .01 .01 .06 .04 .26 .57 .09 .02 .06 .01 .05 .01 .01 .02 .01 .99 .57 .55 .23 .01 .09 .03 .01 .03 .04 .19 .02 .01 .02 .05 .03 .12 .12 .04 .17 .0 .04 19-424 .01 19-44b .02 .05 0.6 .02 .06 .0 .04 .01 .66 .51 .01 .02 .05 .01 .03 .10 .03 .01 .02 .02 .12 01 19-63 .25 .01 .06 .06 .10 .75 19 - 70 .15 .03 .01 .01 .02 .01 .01 .01 01 .09 .02 .02 .01 .03 .32 20-101 02 .02 .01 .07 .02 12 .02 .02 .03 .04 .01 .04 .40 .04 .12 .02 .01 .07 .06 34 .06 .01 .01 .02 .01 20-17 20-18 22-3c .05 1.18 .01 .01 .22 ١٥. .04 .46 .58 .13 0, .01 .01 ,24 .06 .19 22-7 .01 .01 .04 .29 10. .01 01 .01 51 .02 .5 **8** 22-29 .01 .02 .41 .33 .04 .01 .02 .01 .01 .01 .03 .01 .01 .07 .01 .03 .14 .01 .04 .01 .71 .03 10. 10. .09 10. .06 ١٥. .01 .21 .49

Page 39 P M A M 8 9 10 11 12 1 2 3 4 5 1 2 3 4 5 6 7 Sta No 6 8 9 10 11 12 JUNE 4,1941 .02 .01 23-19 .03 .01 .01 ١٥. .16 .04 .06 .12 .25 .25 ١٥. ١٥. .01 .02 .04 .01 23-256 .03 .01 .01 .64 1.39 23-27 23-36 23-41 .38 .01 .01 .01 OI .02 1.50 1.01 .73 .60 ١٥. .01 05 .0 .01 .05 .06 .05 .02 24-2 24-13 24-18b .08 .01 .02 .09 .05 .01 .02 .01 .02 .12 .01 .05 .08 .02 .26 .26 .20 .19 .12 .01 .02 10. ١٥. .06 .01 .03 .01 .01 .96 .70 .50 .08 24-23 24-24 24-25 .09 .08 .22 .27 .05 .14 .01 .01 .18 .72 .93 01 .01 ١٥. .01 02 Ωt .05 .01 .02 .02 24-25 24-27 25-4 25-6 25-11 25-14 S-2 .18 .01 .02 .05 .10 .02 .08 .01 .01 .07 40 .01 .01 .02 1.03 .37 .95 .04 .02 .14 .01 .01 .01 .03 .01 26 .07 .21 .01 .01 2.00 .01 .01 .OI .06 .OI .01 10. .47 .01 .25 .22 .23 .08 .01 .01 .08 .03 .05 .02 .78 ıÖ. .07 .07 .02 .01 .01 .02 .67 .74 1.56 1.59 .15 .03 .29 .05 .05 .01 .28 S-6 S-13 .01 .01 .02 .08 .02 .02 .04 .01 .08 27-3 .06 .03 36 .25 .02 27-5 27-9 27-18b .20 .14 .01 .32 .06 .02 .12 .01 .02 .02 .45 .01 .01 .01 .02 .02 .07 .40 .18 .02 .25 .0.5 .01 .85 27-20b 27-21 27-22 .19 .09 .05 .07 .03 .08 .06 .02 .03 .05 .05 .26 .10 .35 .76 .06 .06 .02 .03 .01 .09 QI .02 1.22 .01 .08 .04 .01 1.41 .03 .07 .01 10. ١٥. 29 .65 27-25b. 27-31 27-36 .03 .02 .01 .07 .06 .04 .15 .55 .13 .05 .38 .40 .01 .02 .03 .01 .01 85 1.32 1.31 .01 .01 .01 .07 .01 .01 .02 .23 .01 .01 .02 .01 02 .07 27-40 .05 0.2 .02 .13 0.4 .29 .32 02 OΙ .99 JUNE 5,1941 |-||c |-||9 |-|22 .01 .01 .01 .01 1-24b 1-28 2-8b .01 .01 .01 .01 .01 2-10 2-18c 2-23b 3-3b 5-26 5-28 5-29 5-41 5-42 5-43b 5-45f 01 OI .01 0.3 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 οı .01 .01 .01 IO. w 6-24 6-32 6-35 6-36 .01 .01 .01 .01 .01 6-38c 6-40 6-49 .01 .02 ١٥. .01 .02 W-I 2b 7-23 7-24c .01 .01 .01 01 01 01 01 01 7-39 7-40c 7-41 .01 .01 7-42 7-44 7-53c .01 .01 .01 7-53c 7-63 7-64 7-65 7-69b 8-2 8-12 .01 .01 ١٥. .01 01 .01 .01 .01 .01 .01 8-16 .01 .01 .01 8-25 8-27b 8-28 8-39 8-40 8-51 8-56b 8-61b O. .01 .02 .01 .01 .01 .01 .01 .01 .02 .02 .02 .01 8-68 9-11 9-13c .01 ١٥. ١٥. .01 9-15 .01 .01 .01 .01 .01 10-21 M V-7b M V-8b 0 .01 .01 M V-9e 11-19b 11-21b 11-27

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14-30b. 14-34b.		.01			.01																									.01
14-46b 14-58b. 14-62c.	01_	.01	.01	.01		-	 																							.02
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15-39	.01 .01																													.01
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JUNE 9, 1941

MUSKINGUM RIVER WATERSHED OHIO
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A M PM Sto No 2 3 4 5 6 2 3 4 5 8 9 10 11 12 Total 8 9 10 11 12 JUNE 10, 1941 19-75 .01 .04 .02 .16 ۱ ۵. .0 ( .02 .01 20-10b 20-17 22-7 .0 I .0 I .0 3 ١٥. .01 .01 .01 .10 .0 I 22-29 .01 .0 .06 .0 1 .01 .05 .04 .02 .01 .04 .06 .06 23-175 .01 23-16 23-19 23-25b .04 .01 .01 .01 23-27 23-36 23-41 ,01 24-2 24-13 24-18 b .01 ۱ 0. .06 01 24-23 24-24 24-25 .0 I .0 I 1 O. 24-27 25-4 25-6 25-1 1 25-14 -01 .0 1 .02 .09 .04 .06 .04 .05 .03 .09 .15 .01 .03 .04 .01 .0 .05 .01 .01 .0 I S-6 S-13 .01 .02 .0 t .01 26-3 27-3 27-5 27-21 .02 .01 .01 .08 .02 .01 ۱ ٥. .01 ١ ٥. .01 .01 .01 .0 I .0 1 ١٥. ۱ 0. JUNE 11, 1941 5-451 5-47 5-50b .01 .01 .01 5-51 6-7 6-8 .01 Q. .02 6-20 6-24 6-25 b ١ ٥. .02 .03 .03 6-32 6-35 6-36 01 01 .01 .01 6-36 6-40 7-2c 7-3b 7-5b .01 .01 02 .01 .10 09 01 02 01 .03 .03 .01 .0 1 .01 MV-6b MV-8b MV-9 e .01 .01 01 .01 11-21b ۱ 0. .01 11-50 11-50 11-52 11-53 .0 .01 .02 .01 11-55b 11-65 11-73b .01 .02 .02 01 .0 I .01 12-40 14-66 15-23c 15-25 .01 .01 10.

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A M 2 3 4 5 6 7 8 9 10 11 12 Total 4 5 5to No 2 3 6 9 10 11 12 -1 JUNE 11, 1941 .02 .03 .01 18-71 18-72b 18-73b .01 .01 .02 .01 ".OI .01 .02 .03 .03 .01 18-865 18-92b 19-74 19-75 .01 .01 .01 .01 22-3c 22-7 22-17 .02 .01 .02 .01 .05 .02 22-17 22-18 22-29 23-4 23-6 23-14 23-17b .01 .01 .13 .01 .01 .01 01 .01 21 01 .02 .02 .01 0 .02 23-18 23-19 23-22 .01 .01 .01 .01 .01 20. .01 .01 .03 .05 .08 .08 23-25b 23-27 23-36 .02 .02 10. .06 .07 .03 .03 .01 .01 24-13 .01 .01 24-24 24-25 24-27 .01 10. .01 .02 25-14 .02 .02 .02 .03 .07 .05 27 - 5 .06 .01 .10 .09 .17 .01 02 10 27-16b 27-20b 27-21 27-22 .27 .19 .22 .17 .09 .16 .13 .01 .01 27-25b 27-31 .18 20 23 53 .01 .01 .13 .08 .02 27-40 .05 .21 .01 .29 .02 JUNE 12, 1941 1-11c 1-19 1-22 .50 .06 .06 .14 .65 .03 .03 .02 .61 .24 .80 .01 .01 .01 01 09 1-24b .07 .04 .07 .11 .47 .03 .08 10. .21 10. 02 .02 30 1-30 02 .82 .09 .39 .02 .01 .53 .01 .09 .64 L.09 .01 2-86 .06 .01 2-10 2-13 2-16 .02 .03 .01 .83 .75 .16 .02 ..01 .01 .32 .39 .03 .18 .44 .57 .24 .54 .75 2-18c .01 .01 .01 10. 2-23b 2-24 .01 .01 .04 .01 .82 1.12 .53 2-26b 2-29b .26 01 .02 .52 .78 .30 .01 .01 .22 .02 3-3b 5-2 .08 02 0. .08 .01 .46 .74 .01 .13 07 .13 .01 .74 .57 .96 .01 .01 .01 .01 5-1 lc 5-1 4c 5-2 4b 5-26 5-28 .03 .01 .19 \*.01 \*.17 92 06 1 29 .11 NR NR .14 .17 .16 .16 .01 .65 .03 .01 .20 1,04 5-29 5-34 5-41 5-42 5-43b 5-44 .43 .01 .04 .05 .11 .24 .97 .87 1.13 .01 ١٥, 42 .34 .17 .02 1.47 .23 .01 .01 .77 .01 .01 .01 .01 07 .01 01 .01 5-45f 5-47 5-50b .27 .01 .13 .10 .34 .16 .06 .01 .02 1.13 .01 .03 .09 .48 .63 .01 .02 .06 .07 .21 .11 5-51 \*25 .01 .09 .64 .01 .01 5-58b 5-59 .10 .35 .34 .01 .01 .10 .02 .01 .01 .01 .58 .73 .50 .72 .95 .98 6-7 .01 01 .01 .21 .24 .23 .01 6-24 6-25b 6-32 .16 .02 .37 .12 .21 .06 .03 .81 .57 ١٥. .01 .01 .01 .01 .01

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Total

JUNE	12,1	941
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														J	UNE	2,19	941															
7-39 7-40c				.02 .02	.22	.01											.01	.15	.04					.41	.01 10.	.01 .01						.87
7-41				.02	.26	.01			.01								*	.12	.05			*		.39	.01	_	_					.61
7-44		_		.03	.22	.02											.03	.15	.0.1	_			3.5	.01	.02	.01	_	_				.72
7-51b 7-53c 7-61				ľ	.24	.01			١٥.									.01	.01 .83 .17					.05	.11		.14 .05 .24					1.38 1.50 1.46
7-63 7-64				.09	.08	.09											.01	.25	.45					.04	.04		.05					.92
7-65 8-2				.09	.19	.01		.02						_			-	.30	.59	.02			+	.02	.01	.02	.03					.69
8-12 B-13b					.03	.08		.05										17	.20	.07			4		.07	.03	.02	.01				1.05
8-16 8-25 8-27b		-	_	-	.01 - .05	.06		-	.01	_	_	_	_			_	–	_	.43	.01	-			.58	.07	.02						.59 .58 .88
8-28 8-34					.0 I .1 O	.11		.01										.04	.47		.02				.04	.02						.70
8-40					.04	.10	-		.01									.02	.19	.01			1		.05	.45						.95
8-45 8-51 8-55b					.04	.09		.01 90. 10.	.01			-	-					.02 .02	.40	.01		+	+		.06	.02	.14 .45	-	-			.77 .90
8-58 b					.03	.36		.01	.02									.03	.27						.01	.23						1.02
8-68 9-11						.18		.05	.01	į							.01	.14	.10	.03						1.83	62	.03				254
9-13c 9-15 9-17						.09		.06 .09 .04											.17	.01							.43 .61					.90
10-21 MV-6 b	.01	.01	.15 .14	.01	.01	01		.01				-			-		.33	.01	.01		.01		20	.22	.01							.88
MV-8 b		.01	.05 .08	.01	.01			.01								_	.19	.02						.10				_				.43
11-7 b 11-14 11-19 b			.02 .09	.05 .06	.01					.01 .01							.12 .16	.02						.06 .06								.38 .39
1 1-21 b		.01	.02	.02 .07	.01			.01		.01							.20	.01		*.41				.10 .55								.38 e1.17
1 1-33 1 1-46 b	_	_	.1 1	.07 55	.01	-		_	_	_	_	-			ļ	-	.71	.03	_	.41		_		.17								1.09
1 1-50			.09	.05											<del> </del>	.01	.10	.68					.06	.09			-	-	-			.47
1 1-53 1 1-55 b			.15 .04	.07 .17	.01											.01	.08	.01					20	.02								.54
1 1-65 1 1-73 b		.0.1	.2 6 .1 7 .32	.03 .08 .04		.01										١٥.	.81		-				16	.38 .04 .17								1.53 .54 .98
11-86 b			.21	.04	.01					.01	.01						.95	.13	.14								.01					1.34
12-40	=	_	_	=	.24	*.45			10.	.01				-				.51	.04	.01		+	+		.03	.06	.03		-			.90
12-47	١٥.	.01	.01	.03	.07	-		*.25		-	-	-	-	-	-	.02	.01	.55 .11	.02 .08	.03			-	.03	.03 .11.	.16	.01	-				1.46 72
12-57				.26	.02												.04	.37	.01					.05	.01	.22	.01					.94
12-70				.14	.08	١٥.				.01							.08	.12	.02					.29	.17	.03						.98
13-23 13-32 13-40				.16	.01 .21 .29	.03					.01							.03	.03					.01	.02	.35						.68
13-51 13-52 b	_	_	_	.42	.35	-		.01	.82	-	-	_	-	-		-	-	.15	.01		-		-	-	.01	-04	-	-				1.00
13-54 b				.35	10.	.01									ļ		_	.01	.03				$\perp$	.01	.02 .05	.20		-				.38
13-59 13-61 13-69			.02	.18 .44 .22	.01											.01		.03 .22 .22	.01					.01	.32	.09 .07						.30 .75 .82
13-70			.01	.26 .2 <b>9</b>	.01											.01		.27							.12	.17		i				84 56
13-86 MC-2 MC-3			.01	.37	.41												.07	.17	.04			+	01	.02	.27	.10 .03	.01					.92 .90.1
MC-5				.02	.35												.06	.16	.01				+	-	.21	.05						.70
MC-7 b				.19 .42	.24												.04	.14	.01			_	4	.01	.24	.06					$\dashv$	.93
MC-13 MC-14 14-00				.35 .52	.38	.01		.0 1	.01									.17	.12							.09 .10 .91	.07					.99 97 134
14-2					.04	.10			.01										.12						.05	.02	.02					33 .57
14-6					.07	.24			01									.02	.13					.07	.01 .01 .37	.55 .18 .01	78					1.37
14-23 14-25					.27 .22 .52	.01		_					-					.00	.12				+	-	.29	.85 1.18	.02				$\dashv$	1.82
14-27b.					.19 .13	.18 .03		.01	.01										.09					25	.38	92	.05 .10					1.81
14-30 b. 14-34 b. 14-46 b					.41 .22 .62	.0 I .0 I												.03	.01					.02	.39	.02 1.40 .12	.01					1.68 1.68
14-58 b					.16	.03												.02	.04							1.25	.02					1.50
14-63 b					.01	.01									-				.01							.16	.03 .01					.25
14-66 14-69	_		_	_	.03	.07		.02	.01	_	_		_			_			.01	_			-	_		.07		_			-	.12
14-78 c 14-83 b					.17				.01										.03							.05	.01					.25
14-85 14-86 b					.2 6 .3 0	.01			10.									.01								.05	.01					.33 .37
15-4 15-5 c			-		.09	.12 .26		.01	.01	.02									.12	.01						.03	.01 .56 .70	.01				.98 1.13
15-7					02	.14		.01	.01						<u> </u>	L	.02	.01	.12			L.				1.37	.14	.02	ш	لـــا		1.86

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1.   1.   1.   1.   1.   1.   1.   1.	15-18						.06													.01	.01	00				.24	.33				.65
1.250	15-25						.04		.05												.01	.01				.01	.62				.74
1.25	15-30					.02	.04				_						-			.02						.05	.09		-		.23
19-45	15-39					00	.04		.03		.01					-				.03						.01	.02		_		.13
1.0	15-45						.04				.01						,			.02						.04	.01				.16
	16-8						.14		.02																	.03					.18
	16-18						.19			.01								<u> </u>		04						.03	.04				.27
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	16-32						.12			.01	<u> </u>								0.			.01				.03	.03		_		.19
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	17-56			.33	.04	.01								<u> </u>		ŀ		.53	.01	.01	.04		.10							<u> </u>	1.07
	17-64			.15	.02		.01											.40		.02	.05	.01 .01	.04								.66
17-98	17-67 17-82		.01	.18	.05	10.												.59					.08	.01	.37						1.04
1-35	17-86b		.08	.11				<u> </u>										.01		.02			0.3		27						.90
18-15	17-95	_				.02	-	-								-		.01	.01	.01			.03	10.	.21	.15					.30
18-32	18-27				.05															.01	.01				.27	.59 .09				ļ	.9 4 .4 8
19-50	18-32b				.05	.01								١.				.01					.01		.47	.01					.65
19-96	18-50 18-55				.15		.01												.01					.02	.05	.11					.46
18-84	18-58c				.28	05	.01							-					.01					03	.28	.04					.62
18-71	18-65			.01	.18	.01		$\vdash$	-	-	-			-		-		.01					.01	.04 .01	.40	.02					.73
19-75   0.08   24   0.01   0.01   0.02   24   46   0.3   0.2   0.1   1.16   1.25   0.01   0.02   1.16   1	18-71			.16		.03	_	_						ļ		ļ		.05						.04	.21	.01	.04			<u> </u>	.43
19-66	18-73b			.08	.2 4													.01	.01					.15	.25	.01	.02	.01			.75
19-6	18-86b	-	_	_	.20	_	-		-	-		_	_	-			-		-	-	-	-			1.92		.08				
19-98	19-4			-		.24				.01	*	_	_	_				03	.01			_		_				_			
19-19	19-96		-	-		.02													.01							.05					33
19-19	19-156	*	_	_	_	_	-		-	_	_	_	_	-		-		-	_	_	_	_	 =	_	_	_	.03	_			
19-39   0   0   24   0   0   0   0   0   0   0   0   0	19-24c					.17 .14												.01 .01	.01						.03 .09	.04					.26 .37
19-48	19-39Ь				.01	.24												.02						.01	.17	.12		.03			.61
19-67	19-44					.62 .43	ļ		.02									.01	.01						.09	37	.02	.01			1.49
19-74	19-67				.05	.41			.01										.04				.01	.04	.94	.46	.04				1.92
20-10   1.5	19-74 19-75					.12	.10								-			.ŏi					 .01	.01	.40	.58		.01	-		1.61
22-3c	50-10P			01			.73		.02	.01							`		.03						.02	.8 9	.17				
22-29   07   02   08   01   01   01   00   26   13   59	22-3c 22-7			.05					.01	.01								.01 .02	.02 .02				.01		.22		.45				.30
23-6	22-18 .	*	_	_	- 1	-	-		_	_		_	_	_	!		_	_	#.01 27					.38	.77	17					1.04
23-17b	23-4			_	.20	_	_		.02	_	_	_								_		_	_			.01	.21	.01			
23-19	23-17b				.27	.22			0.1	.01							.01	.02						.01	.15		.04				 .53
23-25b	23-19				.02				.01	.01				_				.06							.10	.01	.01				.48
23-41	23-25b 23-27			.06	.13				.01									.03						.11 .01	.02 .02	.03	.01 .01				.32
24-13	23-41					.12	.01			.01									.01							05	.04				.4 1
24-23     03     16     10     01     01     01     01     01     03	24-13 24-18b					.13	.03												.03						.01	.04	.01				.23
24-27 .07 .01 .07 .23 .38 25-4 .05 .02 .01 .45 .08 .03 .64	24-24				.03	.23				.01			-		_			.01	.01	.01					.02	10.		.01			.35
	24-27 25-4	-				.07	.02			.01								.07	.23						.08	.03					.64
	25-6 25-11			L		.01	ام		L	L				L			L	L	.49	.01				.01	.13						.65 .35

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25-14 5-2 5-6				40	.01 .01	.01							.01	.04 .01 .25	.01	.02				.02	.99			1.42
S-13 26-3 27-3	.01		.30	2.0	.09	.01	.01	.01				.02	.10	.04	.01	.05		.03	.53	.05	.42	.01		.82 1.16 .23
27-5 27-9 27-18b			.01 .02	.02	.01								.02	.02 .03 .02					.01	.02	.01			.08 20
27-20b 27-21 27-22			.01	.01	.06	.01	.01						.27 .44 1.08	.01 .01	.02 .07	.02	.01							.3 I .5 2
27-25b 27-31 27-36		ø	.03 .01	.01	.05	.01							.32 .38	.03	.01				.25	.01				.64 .46 .23
27-40			.01	.01					L				.13	.03					.09					.33

## JUNE 13,1941

															JUNE		71															
1-11c 1-19					.01											.01	.05 .02							03	••	.03 01						.13 .03 .20
1-22 1-24b 1-28																.01	.01			.06				43	.02 .04 .01							.52
1-30 1-42 1-48			-	_	-	.02		.01	.01	-	-	-				.07	.05			.08			01	.14	.21							42 14 75
2-8b 2-10	-	-	-	-				.01		10.				-		.02	.09	.01		.03	.01		-			.08 .01						.20
2-13 2-16 2-18c				-	-			.01 .01	.01			.02		ļ	-	.03	.06	.01		.02 .02	.01		-			.14	_					.20 .13 .70
2-23b 2-24 2-26b					_			.03 .02	.02						-		26 45	.01	.02	.02	.01					.01			-			.60 .38 .67
2-29b 3-3b	.01							.06	.01							.07	.62 .14	.01		.04	.04				.19	20						1.07
5-2 5-3 5-11c		.01				.07					.01	.01 .02							.01 .07		.03		01	.09 .03	.03							.12
5 - 1 4c 5 - 2 4b						.10 .01	1				.01	.01							.02		.05		01	.08								.28
5-29 5-34 5-41		.01			.06	.02		.01					-						.03		.08		29	.03 04 .03								.46 .63
5-42 5-43b 5-44		.01			.08	.02 .03			.01	.01	.01		_					.01	27 25	.01	.18		+	.12	.01				-			.90 .45 .39
5-451 5-47 5-50b	-	.02			.16	ői				.01	.01				-				.37		.91	-	04	.07						-		.64
5-51 5-58b			-		.04					.01			. 200	4				.04	.66	.01	.54		+	08 16	.01							.86 .70 .70
5-59 6-7 6-8				.01	.14	.02		_						-	<u> </u>				.08				56 73	.06 .07	.01							.40 .65 .85
6-20 6-24	_	_	_	_	_	.01		_	.01	_	_		_	_	_	_	_	_	.02	_	_	-9	02	20	.02	_	_	_				.29
6-25b 6-32 6-35						.02 .01 .01			.01										.03 .17 .08				10	.10 19 07	06 02 10							36 39 36
6 - 36 6 - 38c 6 - 40						.01 .01 .03					.01								.12 .09 .26	.01	.01	).	01	.06	.03 .15 .04							.23 .27 .53
6 - 44 6 - 49 6 - 53					.02	.03 .01				i									.65 .31 .58					.01	.04							.72 .03 .66
6 - 5 6c W - 8						.09 .01			.01										.27 .09 .03	.05				.06	03							.42
W-9 W-13 7-2c						.01 .02 .01		.01	.01										23	.01		.0	09	.21	.10	.01						37 57
7-3b 7-5b 7-21						.01 .01			.O.I							.06	.01		.05 .15	.02			+	.10	.05	.01						.09 .36 .24 _21
7-23 7-24c 7-39						.01		.22	.06							.07 .17	.02 .06 .03		.07	.02 .14 .02	.02		+	$\dashv$	.01 .02 .05						$\dashv$	64
7-41	_	_	_	_	-	35			.01	_	-		=			09	.05	-	_	.15 *I.19	$\dashv$	-	+		.06							66 78
7-44 7-46 7-51b	_		.01	_	_	.02		.01	_QI_		_	_	_			.01 1.04	.01	_	.01	.01	_	_	*1	.37	.02 32						-	.92 1.45
7-53c _7-61 7-63		.01	Οı			.01		.05 .05	.02							.02 .23 .06	.40 .07			.29					10.						-	80 53
7-64 7-65 8-2		.01				.33 .09		.01	.01	.01						09	.01	04	.01 .01	.02	.01	_	-	.08	.17 .31							.71 53 .52
8 - 12 . 8 - 13 b		.01			.01	.01		.18	.30	.01	.02						.22	04	.01		.12					.23						.77
8-16 8-25 8-27b		.01 .01						.09 .04 .12	.03								.36 .31 .17	.01 .01		.01	.01 .02						.01					.64 .40 .37
8 - 28 8 - 34 8 - 39		.01 .01						.11	01	.01			enger in				.27 .27 .16	.01	.0.1	.01 .02	.02											.33
8 - 40 8 - 45								.46	.07				E,				.13 .44 .05	.02		.01	.07		2	01		.01	.01					70 .51
8-51 8-55b 8-58b								.04	.01 .04		.03						.57	.03			N/					V.						.62 .71
8-61b 9-11		.01	_	.01		.01		.03 .20	01 23		.01					.09	.04	.02			.06		6	01		.01	.04					.42 .41 .55
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9-15 9-17		.01			.01	.01	.05 .17	.56 .41	.02 .01	.09						.12	.01			.01	.06	.01	.03	.04 .06					1.00 .67 .49
MV-6 b .		.01			.19	.01	.01									.07	.03	.01			.08	.01							.38
11-7b .					.22 .01 .30		.01				*	.06		.02	_	.01	.09	.01	.18		.05		.08	.01	_				.24
11-19b		.01			.05	.01	.01	.01				.15		.06		.48	.02 .03				.03					-			.61 28
11-46 b .		.01			.28	.10		.01	.01			.0 I .29		.01		.01	.08	0.1			.06	0.1							.45
11-52					.01	.10	.01					.30		.28		.01	.07	.01		.01	.01	.02	.01				$\vdash$		.81 .18 .08
11-55 b . 11-65		.01		.01	.01	_			*	_		.78		.04	.01	.03	.28	.02	-	-	.08	.01		-					.43
11-76 b 11-86 b		.01	.01		.05	.02		.01				.06	 	.01	.14	.05	.,16			 	.03					-			.21
12-29			.01			.04	.03	.02	.01					.09	.05			,01		.01									.71 .24 .31
12-47			.01			.03 .07 .03	34							.84	.02 .13 .01	.02	.17	.02 .03 01	.01										.95 .58 .62
12-57	.02		01		.01	.04 .29 40	.01 02							.49	.02 .12 .05			.05	.01			.03							.65 56 .73
13-19 13-23 13-32						.3 9 .4 3 .30	.09	.01	.04					.16	.09 .01	.01		.01		.01	.02	.03	.01						.74 .67
13-40 13-51	_	_	_	_	_	.30	.08	.01	*.77	*	_	_		.51	.01	_	_	_	_	_	_	.02		_	_				.93
13-52 b 13-54 b 13-58 b						.36 .20 .31	.04 .05 .01	.01						.08	.22	.02	.02		.01	.05		.02 .16 .01	.01	.Q I	.01				.61 .73 .56 .32
13-59 13-61 13-69					.08	.2 I .5 6	 .01	.01						.06 .34 .19	.01		.01	.02	.01	.02	.01	.03							1.21
13-75 13-86			-			.37								.39	.06		.07	.02				.03	.01				$\vdash$		.86 .32 .63
MC-3			-		.01	.36	.06 .02	.01						.17	.01		.01					.26 .01	.03	i		-			.52
MC-5 MC-6 MC-7 b	-				.01	.55 .24	.01 .05							.02	.02	.01				.01		.02				-			.72 .54
MC-10b MC-13 MC-14	_					.56 .42 40	.03	.01	.01					.23					.03	.06 .06		.01	.01			-	-		.88 L03
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14-23 14-25 14-26			.01			.21	.0 I .8 O .4 3	.01	.05		.01	.01		.04	.05 .26 .32	.01						.02							1.13 1.13 89_
14-27 14-28 b 14-30 b			.01			.02	.52 .51 .03	.01						.10	.3 7 .63	.02			.01	.07 .73	.01	.01	.03						1.04
14-34b 14-46b 14-58b		i	.01		١٥.	.61 37	.35 .18 .35	.02	.01					.05	.37	.01			.02	.13		.07	.01	.01					1.59 .83
14-62 c 14-63 b						.08	.09	.01								.04	.01						.12	.01					.99 .27 .26
14-64 14-66 14-69	-		=	=	=	.15	.19	-02	.01	-	_	-		-	.54	.02	.01	-	-01	.01	-	.20	.03	.01	=				1.29 # .35
14-74 14-78 c 14-85				.01	.0.1	.01	.02		.04						.11.	.05 .07 .05						.10	.06 .04	.01					.48
14-86 b 14-88 15-4			.01			.04	.02 .01 .07	.14	.01	.01					.06	.03 .08 .05	.0 I 0 2		.12	.17	.02		.15 .12 .02	.02					.36 .30 .70
15-5 c 15-7 15-10			.01	.0 1			.13	.01	.04	.04				0.1	.02	.08	.01	.02		.01	.1.1.	.01	.05 .01	.02					.91
15-18 15-23¢			.01			.01	.35 .10	.14 .12 .20	.01	.01			 	.01	.04	.01	.01 .02 1 0.	.01		.01	.01		.03	.01 .02		$\vdash$		$\dashv$	.64 .31
15-25 15-26 15-30							.03	.16	.01						.01	.01 .04	.04			.01	.01		.01 .05	.06 .01		-			.19 .30 .84
15-33 15-35 15-39			.01			.02 .01	.08	.04	.01						.01	.01	.03						.05	.01		-			.34
15-42 15-45			.01			.06 .02	.06 .02	.01	.01							.01	.10			_	_		.10	.02	.01				.28
16-5 16-8 16-9						.10 .08 .02	.02 .01 .07									.01	.11						.08 .06 .08	.04 .02 .02	.01				.52 .19 .20
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17-16 17-17 17-22		.01	.01		.06 .32 .05	.0 I .2 3		.01	.01		.09	.09 .2 I .0 I		.01		.04	.04	.03		.01	.05 .08 .04	.07		.01					.50 .68 .53
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17-43 b					.03		.01					.09		.11		.19 .01	.0.1				.18	.02					لط		.84

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading Page 52 A M P M 8 9 10 11 12 Total Sto No - 1 2 3 5 6 7 8 9 10 11 12 1 2 3 JUNE 13, 1941 17-56 17-62 17-64 17-66 17-67 ١٥. .01 .08 .04 .81 .21 35 .03 .01 .06 .05 .01 .01 .05 .12 01 ٥١ .13 .01 .10 .10 .01 10. 10. .14 .15 .12 .51 .01 ١٥. .03 .0 .03 17 - 89 .10 .42 ,01 .23 ١٥. .03 .08 ١٥, 17-85 17-86b .05 .06 .83 .33 1.19 .1'0 .01 .03 .02 ١٥. .01 .03 .08 .07 .06 17-92 .05 ٥. O. .02 .01 .14 .03 .01 .12 .01 .02 .46 .23 .33 01 .02 .02 .0 18-15 .13 .02 <u>,02</u> .13 .02 .10 .01 .01 .23 .04 .02 .43 .38 .30 16-32b .08 .0в .04 0. .06 .01 ٥. .01 18-36 18-50 18-55 18-56 18-58b .54 .46 .46 .02 .01 .01 20. 10. .02 .02 .27 .02 .01 ١٥. .02 .02 .04 .06 ١٥, .09 .19 .43 .02 .05 .05 .04 .03 .01 .04 .01 .30 .02 .02 .04 .26 18-60 .01 .02 .38 18-64 18-65 18-70b .03 .05 .02 .14 .02 .04 .20 .05 .04 .04 .02 .02 .01 .3 8 .3 5 .6 5 .01 .02 .09 02 .07 .04 .03 .03 .68 .59 .52 .54 .79 .72 18-71 18-73b .01 .12 .01 .22 .16 .02 :01 01 .01 35 .09 .04 .03 18-75 ١٥. .01 .02 .07 .06 .47 .47 .35 18-76 18-86 b .01 .02 .02 .01 .01 .07 .10 .03 .01 .02 18-92b .0 .06 .10 .02 19-6 19-8 19-9 b 19-13 .38 .31 .83 .83 .36 .28 .62 .51 .53 .63 .71 .59 .75 .40 .04 .17 .03 .02 ١٥. .04 .06 .01 .02 .07 .14 .08 .13 .25 .02 .01 .07 .01 .1 2 .08 .09 .01 .01 .01 ١٥. .02 .25 .02 .20 .01 .03 .01 19-15b #.49 .17 .16 .25 .06 .05 .10 01 0.5 .01 .03 .01 ١٥. .04 .01 .01 .03 19-24c 19-36b .02 .05 .04 .04 .15 .03 .01 .01 .23 19-39b 19-42d .01 10. .03 .04 .01 19-44 19-48 19-63 19-67 19-70 .01 .06 .08 .18 .01 .23 .05 .01 .01 .03 .07 .04 .03 .03 .02 ,01 .30 .01 27 .03 .03 19-74 19-75 20-6 .0 .3 1 .01 .09 .10 .06 .02 .96 .01 .26 20 .0I .13 .08 .07 .03 .02 .01 20-10b .04 .16 0. 20 .07 .04 .53 20-17 22-3c 22-7 .16 .04 .01 .05 .02 .03 .51 ,53 .80 .02 .03 .01 .22 .01 30 .12 .07 .01 22-17 22-18 22-29 .09 .46 .33 .02 .04 .03 .02 .45 .83 .96 .01 .13 .01 .01 .01 .01 ١٥. 23-4 23-6 23-14 23-17b 23-16 .01 .01 .06 .01 .03 .12 .64 .15 .07 .01 ef.35 .51 .09 .06 .01 .7 **8** .8 I .04 .02 .03 .51 .01 .05 .01 23-19 23-22 23-25b ١٥. 20 .04 .16 .04 .03 .42 .01 .20 .05 .01 .89 .36 .38 .Cı .02 .02 23-27 23-36 23-41 24-2 24-13 ΩI 09 .01 .02 .09 .01 .02 .60 .64 .45 Ω4 .22 .32 .22 .01 .01 ١٥. .03 .01 .23 ,06 ,04 .04 .69 .46 .67 .78 48 33. .02 04 .03 24-15 24-18b 24-23 24-24 24-25 .22 .10 .03 ١٥. .01 10. .01 .01 .13 .12 .03 .01 .01 .04 .08 .53 72 .91 25-4 25-6 25-11 25-14 S-2 S-6 S-13 26-3 27-5 27-9 .1**6** .19 .39 .02 .02 .01 .01 .01 .01 .03 .05 .01 .01 .01 .21 .03 .02 .13 .01 .05 .01

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1-24b 1-28						.04	.04 .01			.01 .07	.01								.09 .09 .01
1-42 1-48 2-8b					.01		.01 .01	2Q. 1Q.		.06	.1 6								.04 .08 .18

MUSKINGUM RIVER WATERSHED OHIO

										Precia	pitatio	in	inches for	hours	endi	ng os	Show	au tu	columi	n heading								
					Α	м																			PM		Page	53
s	to No	1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	н	12		Total
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Section   Sect															. JU	NE 14	, 194	!															
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10.	2-26 b .							-													.01			.03									.02 .04
Section   Sect	5-2																	.04							.02						-	-	.01
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5-38	6-35		.01																		.01	.01		١٥.									.01
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9-13	W-8 W-9																		_		.01			.01					_				.01
1.55	W-13 7-2c									.01	.01	.01	.05	.09							.01												.02
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1	8-25 8-27 b						_	-	-		<u> </u>	-	-		_							.01							-	+	-		.11
8-8-9	8-28 8-34				_			-	-						-	-	-					.01				-				-	-	-	.01
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11-32	11-7b	_	.01		-	-	_		-	#34			*	-			-	_	_	_	.02				_	-	-	-	-				.02
11-55	11-33																		10.														.01
11-866   12-47	11-55b			_	_	_			-	<b>*</b> 27								.02							.01								.05
12-61   12-6	11-86b																			.01	.01												.01 .02
13-19   13-22   01   01   05   03   04   13   13   13   13   14   15   15   15   15   15   15   15	12-57																																.01
13-32	13-19																	.01									.01						.01 .01
13-54b   13-59b   .01   .12   .04   .09   .25   .50   .11   .11   .13   .15   .11   .13   .15   .11   .15   .13   .15	13-32		.01	_	_	_	_			_		_		_			_		_	_		.01		_			.05	.07	.03				.13
13-51	13-54 b		.01																		.0.1						.12	.04	.09				.25
13-75	13-59									-										0.2	0.1		+			.03		.07	.06	-			.19
MC-2	13-70	-																		.01						.13	.04	.02	.18		-		27
MC-10 b	MC-2		.01				-											.01		.01					.01			.02		-			.02
MC-14	MC-10 b MC-13																.02				.01		-							-			.26
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9 10 11 12 Tatal 1 2 3 5 6 JUNE 16, 1941 .15 .10 .23 .19 .17 .16 .07 .18 .01 .20 ●.52 .13 .0 I .0 .28 .14 .12 .08 .0 1 .02 # 69 # O\* .04 .15 .01 .05 .14 .09 e .05 2.05 .05 .01 .05 .01 .03 .04 .06 .04 .16 .09 .18 .23 .04 .04 .03 .05 .11 .06 .03 .04 .03 .06 .05 .0 1 .06 .01 .0 I .03 .06 .05 .08 .14 .01 40 22 .16 .05 .39 .07 .17 .14 .07 .03 .01 .01 .10 .23 .0 1 .02 01 .11 .01 .01 .07 13 10 .01 .01 .01 10 .03 .13 .01 19 .15 .29 .02 .03 .01 1.07 .02 1.31 .10 .06 .0 I .0 I .02 .04 .01 .01 .0 .0.1 .15 .01 .01 .01 .0 1 .02 .02 .03 .16 .03 .01 .25 .42 .07 .04 .02 ۱ ٥. .02 .06 .02 15 13 23 01. 80. 0.1 28 27 .09 .03 .07 .01 .01 .05 .02 01 .03 .0 11 .14 .11 .07 .01 .04 ١٥. .02 .05 .01 .03 .01

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17-66 b 17-67		.0.1	.05 .01	.01 .04	.01		02		.01											.04	10.	.17 .16 .04	.06 .08 .1 B	.03 .08 .06	.01 .03	.03 .05			.45 .44 .57
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23-27 .02		.27		.06	.08			.01	.01	.01								.01	.02				.05								.54
23-3603	1	.01	.03	.23	.07		.01	.02	.02	.01		.01							.01												.45
23-41		.07	.15	.03	.03		.02	.02	.02			.01					ı		.17	.01											.53
24-2	.0.	.01	.02	.04	.12		.18		.01	.01								.03									$\blacksquare$				.62
24-13 .02 24-18 b .05	.03	.02	.02	.13	.18		.22	.28	.02								.05	.10													1.07
24-23 .09	.03		.40	.70	.40		.03	.12	.04	.01							.20	.03	.01				.01								1.42
24-24 0	_	_	.05	.75	.17		.08	.08	.06	_							.50	.37	,01				.01							-	2.17
24-25 .09			.09	.75	.18		.16	.00	.14	.01							.40	.28	.01												2.09
24-27 .0			.34	.32	28		.15	.12	.02	.01	.01						. 40	.02													1.28
25-4		.13	.13	.12	.32		.34	.24	.07									.01													1.36
25-6 .0	0.   ا	.05	.01	.03	.71		.23	.28	.08	.02							.01	.21													1.68
25-11	44	.52		.08	.44		.21			.01	.01	.01			_	.Q I	.0.1									-	<u> </u>	_			1.88
25-14 .03		.03		.34	.18		.18	.19	.15	.03	.01	.O I						.03									1				1.79
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S-13	.0		.07	.08	.11		.13	.06	.02					$\vdash$	.01							-		-	_	-	-	$\vdash$	$\vdash$		
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27-3 0		1.18	.07	.06	.06		.02	.05	10.	.02	.01				.01				.14									1			.67
27-5		.10	.01	.02	.02		.17	.03	.02		.01				.01			.01	.01							ĺ					41
27-9		10.	.30	.07			.01	.12	:05	.07	.01				.01			.01	.12			1			}	1					.80
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27-20 b . 27-21		.09	.01	.01			.05	.08	.04	.09	.01	.01							.02							1					.41
27-21 .03	3 .0	.22	.06	.03	.01		.01	.05	.02	.07		.01						.11	.07	.01											.68
27-25 b	.0		50.	.02			.01	.04	.03	.04								ـ ا پ										-			
27-31	.0	.06	.02	.01			.02	.04	.06	.02	.01	.01							.13	.02											31
27-36 .0	1	1	.02	01				.04	.01	.06	.01							.03	.55	.52											.32
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## JUNE 22,1941

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19-67																									.01	.01						02
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S-2 27-20b																								-	.01	.01						.01
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## JUNE 27, 1941

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8-2	L		Ц.				<u> </u>	1	<u> </u>			<u> </u>				1		 	 	 	.01								.01

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Sia No I 2 3 4 5 6 7 8 9 IO II I2 I 2 3 4 5 6 7 8 9 IO II I2 Total

														,	UNE	28,19	941														
1-11c																					.09	.02				.01					.11.
1-22 1-24 b . 1-28															-					*	-	-01	10.	.06	.01	.02	.01			+	.09
1-30	,						-		.17	-			-	┢	-	-						.01	.01	.01	.01	.02		-		$\dashv$	.04 .09 .19
1-48 2-8 b 2-10	_	_					_	.01	.02	.03		-		-			-		.01					10.		.02	10.			$\dashv$	.10
2-13					_	_		.05	.21	.02					_		-		.06	0.1		- 01		.01		.02	.01				.34
2-18c . 2-23 b . 2-24		L.								.01									.67 .32	.01		.01	.01	.03	_	.01	.01 #.01 *25	-			.74 .47 .26
2-29 b . 2-32 b . 3-3 b																			.01	.01		.05	.02	10.	33	.18	.01 *.03				.41 .54 .39
5-2 5-3				0.1																	.01	.01	.02	.07	.09	.04					.23 .19 .27
5-14c 5-20 5-24b				.01																		.01	.01	.09	.14	.04 .05 .02					.29
5-27 b 5-28	*	-	-	=	=	=		-	-	-	-	-	-	-	-	-	<del> -</del>	=	=	-	- -	.01	.05	.03	.15	.01	*.30			$\dashv$	.30
5-29 5-34 5-35 b	*	-	-	-	_	-	-	-	-	-		<del> -</del>	-	-	-	-	┼─	-	-	-	- -			.06	.13	.05				$\dashv$	.24
5-41 5-42 5-43 b		_	-	_	_	_	_		_	-				-	┡	-		_						.05 .05	.17	.08 .05		-		$\dashv$	.28
5-44 5-45 f					_	_																		.03	.04	.03 .08	.01				.11
5-47 5-50 b 5-51																							.13	.06 .08 .07	.11 .16 .14	.04 .09 .05					.21 .46 .30
5-58b 5-59 6-7	*	_	_	-	_	-		_	_		_	-	-			-	-	#15 .18				.02	.27	.0 I .03	.06	.04 .03 .02	.01				.33 .58 .07
6-8 6-20	*																					.0.1	.01	.02	.01	.01					.05
6-24 6-25 b 6-26 b		-		_	_	_		_	_		_	_	-			1	<del> -</del>	_		-			.01		.01	.03	_				.05 .05
6-32					-									+	-	-					10.	-			.02	.02	.01	$\vdash$		-	.06
6-38 c 6-40 6-44							-						-	-	-	-	-		.02		.29	.03		.01	.03	.04	.01	$\vdash$	-	-	.36 .09
6-49 6-53 6-56 c		-													_	-	-	.15	.01 .01					.03	.02 .02	.02 .04		_			.18
W-I W-8															_	*	_	-		_	.02	.14	.01		.1.1		#.01 .05				.29 .05_
W-9 W-12b W-13																						.01			.02 10. 20.		.01				.02
7-2c 7-3 b 7-5 b																*	-	.06	_	_	-	_	.01		.05	.01	_				*.06
7-9 b 7-21	*	-	-	-	_	-		-	-	=	-	-	-			-	1-	_	-	-	10.	.01	.12	_		.14					.28
7-23 7-24 c . 7-33														-									.27	.01	.14	.02	.01				.30
7-39 7-40 c 7-41									-	-												.01		.01	.16					$\dashv$	.14
7-42		-					_							-										.02	.08 .23					-	.10
7-46 7-51 b 7-53 c										_		-									.01	-	.01	.01	.01	.02					.06 .03 .19
7-61 7-63 7-64						_	_						_	-					0.0			-	.03 .03	.04	.02	١٥.				_	.18
7-65 8-2	,	_														_			.02 .87 .08	.05	.03	.01	.29	.11	10.	.01	.01				.16 1.20 67
8-12 8-13 b 8-16						_												_				.02	.16	.01	.02	.22 .57	.0.1				.42
8-25 8-27 b																							.01	.16	.01	.02	.02				.45
8-28 8-34 8-36																46	-	-		_	_	-	-	.01	.08	.25	.02 *.16 .01			+	.16 .25
8-40 8-44 8-45																*								.10	.58	.04	.01 **.12				.73_ .06 .12
8-47 b 8-55 b.														-	-	-						.01	.20	.14	.25	.03	.01			+	1.19
8-58 b 8-61 b 8-68																							10.	.03	.95 .20	.01 .01	.01			+	.11
9-11 9-13c 9-15																						-		.67 .35	.76 .24	.16	.09 .05			-	1.68 .72 1.06
9-17																								.05	.91	.38	.07				1.5 I ,19
MV-6 b . MV-7 b . MV-8 b																						10.	.10	.10 .06 .02	.10	.01 .02 .07					.22 .14 .32
11-7b																		.58	.16	.0 1			.06	.02	.09	.01	.01				.94
11-19b 11-21b 11-27																		.32	.02	.01		.01	.03	.Q I	.03	.02 .06 .20	.01			1	.19
11-46 b		-												-		*	=	=		=	=	=	=	=		.01	.01			+	.02
1-50	1		L	L.				L				L				<u> </u>						1	.03	١٥,	.10	.06	.01				.02

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Page 64	ı			А	м					Precip	ritatia	MUSK n in i	NGUI inches	for	RIVEF hours	endi	ATER	SHED	OH In in	IIO columi	n head	ling				P M					
Sta No	1	2	3	4	5	6		7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12				Tatal
									,					J	JNE :	28,19	41								·····						
11-52 11-53 L1-55b																		.01				۵.	.01	.02	.03	.01 .01 .01	.01				.01 .06 .04
11-65 11-73b																								.07	.13	.01 .01					.01
11-76b 11-86b 12-18																		.01					.02		.01	.01	.01				.03 20. 3 I.
12-40											-					*	-	.38	.40	.03	.01	-	- 08	.08	.04	.01	<u>-</u>			1	.44
12 - 51 12 - 54 12 - 57						-		-		-	-	-	-		_	*	-	-	.16	.10	_	-	-	.92	.04	.01	_		-	$\dashv$	1.2
12-61			-		-						-		-			*	-	01	.14	.04	.38	-1	7 .06 .01	.03 50	.01				-	-	.6 .7
13-23 13-40 13-50				-		-	-		-						-							-	-		.06	.01	.01				.0: .1:
13 - 52 b. 13 - 54 b. 13 - 58 b.			-	-	_										_	*	_	_	_	_		_  -		-	.09	.01	_	_			*.0
13-59																*	_	_	_	_	_			_	.01	.01					#.O
13 - 69 13 - 70 13 - 75									1															.06	.16						.2 .1 .4
13-86 MC-2 MC-3																				.02	.08	).	.01	.01 .05	.03 .01	.01					.0
M C - 5																					6:		.01	.01	10.						.0
MC-7b MC-10b MC-13																			.05	.22	.02			.02	.01						.0 .3
M.C14 14-00 14-2						-									-		-	.02	.03	.04				.01 .65	.01 .05 .34	.09					.0 .2 I.I
14 - 5		_														#	-	-	.02	_	_	-	- -	.52	.34	.01	.01				.9
14 - 22 14 - 23 14 - 26			-												-	*	-	.02	.03	.03				.1.1	.01	.01	.01				1.2
14 -27 14 -28 b				-		-									-	ļ	-	.01	.18 .07	.05			-	.42		.01	_				.7 .2
14 -30b 14 -34b 14 -42c																		.01	.01	.07	.02			.13	.01	.03					.1
14 - 46b 14 - 58b 14 - 62c			ï																	.01	.01				.01	.△0	.01				.0 .0 .4
14 - 63 b																				.04	.02				.03	.26 .05 .05	.01				.3 .0 .1
14 - 66 14 - 69 14 - 74																						.(	)	.01	.01	.10					.1
14 - 77b 14 - 78c 14 - 85																							.04		.05	.09	-				.1 .2 0
14 - 86b 14 - 88 16 - 4					-																		.16		.18	.07	.01				.0
15-5c 15-7						-	-															+		.09	,45	.08	.05				.6
15 -10 15 -18 15 -23c							-																.01	.09	.52 .12	.12	.01			-	.7 .8
15 - 25 15 - 26						-												-					.01	.06	.15	.31 .35	.13			_	.6 .7
15-33																	_			.02			.01		.31	.1 7 .03	.04				.5
15-42																				.01			.01	.01	.03		.02 .04				.3
16 - 5 16 - 8 16 - 16																										.11	.05				.0.
16-18 16-20 .																						.0	5			.01	.01				.01 .01
16-22 16-28 16-31																							.55	.01		.01					.01
16 - 32 16 - 40 . 16 - 43 b.																		1					.01								.01
17 - 5 17 - 6 b 17 - 16																									.01 .03 .01	.01 .02 .01					.05
17 - 1 7 17 - 22 .													-												.06	.02			-	+	.01
17 - 33 . <del>17 - 38</del> 17 - 43b.																									.01 .05	.02				-	.05
17-55 17-56 17-62																		•							.01 .01	.02			_	-	.01
17 - 64 17 - 66 b																					•				.26 15	.01				-	.27
17 - 67 17 - 82 17 - 85 b																								.02	.01 .01 .22	١٥.	.02				.01
17 - 86 b . 17 - 92 17 - 95																							.01	.01 .01	.37	.05	.02				.3 8 .0 8
18 - 4 10 - 15																•	-	-	-	-				-	.01	-					ا0.
18 - 32b 18 - 50 18 - 54b																									.03	.01	.01			1	.05 .01 .02 .01

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

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7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

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Total

310 110						·		3	,,,	.,	'-	J	UNE 2	28,19	41										
18-58¢ 18-60																			.01		.01	.01			10.
18-65 18-70 b																			.01	.01				1	.02
18-72 b 18-73 b 18-75																			0.1	.01		.01			.02
18-76 18-77 18-86b																			.01						.01
18-92b 19-4 19-6																		.02	10.		.01				.01 .02
19-8 19-9b																	.02	.10	.02	.01					.13
19-15b 19-18 19-24c																	.43	.0 I .1 2 .63	.02						.03 .56 .74
19-36b 19-39b 19-42d																		.01	.33 .04 .02						.33 .04 .03
19-44 b 19-47 19-48																			.25 .01 .07	.01					.25 .01 .08
19-63 19-67 19-70																		.01 .01		.01	.01				.01 .02 .02
19-74 19-75 20-6																		1.10	.0 I .75	.01 .01 .38					.02 .01 2.23
20-10b 20-17 22-3c																			.86	.07	.01				.93 .01 .01
22-7 22-17 22-18							L									 		.01			.01				.01 .01 .01
22-24 22-29 23-4																.03	.0 1	.01			.01				.01 .02 .03
23-14 23-18 23-19																	.01	.01							.01
23-22 23-27 23-36			 								_						.01	.0 1							.01
23-41 24-13 24-18b 24-23	_																.01	 	.01		.01				.01
24-24 24-25									_				_					.01			.01				.01 .01 .07
24-27 25-6 25-1 1 25-1 4				ļ	-													 .01		.01	.01				10. 10. 10.
S-2 S-6 S-13											-							.0 1			.0 I .0 I	.01	 		.01
26-3 27-3		 															.02		.01			.01			.01
27-5 27-18 b																	.51		.01						.51 .01

													J	UNE 2	29,19	41												
1-11c 1-19 1-22																	.32	.30 .07 .33	.06 .02 .13	.01 .10 .01								.37 .19 .79
1-24 b . 1-28 . 1-30	_	_	_	_		-	-	-	-	-	_	_			-	_	.05	.07	.01	.18	_	_		-	-	1.28		.26
1-42 1-48 2-8 b																	.91	.53	.11	.54	.05							1.55 .60 .58
2-10 2-13 2-16																		.06	.0 I .04 .03	.61	.05 .01							.67 .22 .19
2-18 c 2-23 b 2-24																		.01	.05 .09 .03	.01	.08 .03							.15 .14 .32
2-26b 2-29b 2-32b																		.28	.01 .17	.03	.01 .64 .36	.65						.33 1.70 .56
3-3 b 5-2 5-3																.01	.03	.01	.10	.01	.06	.03						.20 .05
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